

CITY OF NEWARK

**HEALTH**

**REPORT**

**1 9 5 7**

**Leo P. Carlin, Mayor**  
**Newark, New Jersey**

**Aaron H. Haskin, M.D., M.P.H.**  
**Director of Health & Welfare**

**Pascal J. Balocchi, M.D.**  
**Health Officer**



FEBRUARY 1, 1958

HON. LEO F. CARLIN, MAYOR,

DR. AARON H. HASKIN, DIRECTOR, HEALTH & WELFARE,

MEMBERS OF THE CITY COUNCIL

AND CITIZENS OF NEWARK, N. J.

GENTLEMEN:

HAVING BEEN PROMOTED TO THE POSITION OF HEALTH OFFICER, DECEMBER 8TH, I AM SUBMITTING THE ANNUAL REPORT FOR 1957, AND AM PLEASED TO ADVISE THAT NEWARK EXPERIENCED ANOTHER YEAR OF EXCELLENT HEALTH.

WE HAD NO PREVELANCE OF MAJOR CONTAGION, AND ALL OF OUR HEALTH RATES CONTINUED TO BE OUTSTANDING, PARTICULARLY TUBERCULOSIS AND INFANT MORTALITY, TWO OF THE MOST RELIABLE MEASUREMENTS OF PUBLIC HEALTH.

ALTHOUGH WE ARE PROUD OF OUR HEALTH PROGRAM AND ITS RESULTS, MUCH CREDIT MUST BE GIVEN AS USUAL, TO THE COOPERATION OF THE GENERAL PUBLIC AND THE MEDICAL PROFESSION, AS WELL AS TO THE MANY PRIVATE AND OTHER PUBLIC AGENCIES WORKING WITH US.

RESPECTFULLY,

*Roscoe J. Baiocchi* M.D.

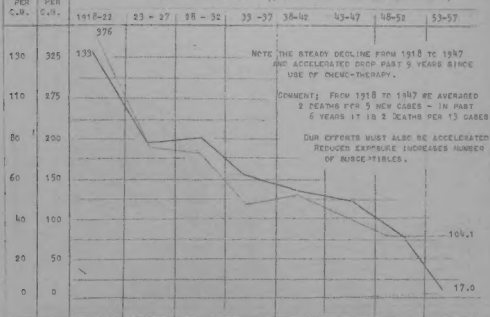
HEALTH OFFICER.

RM

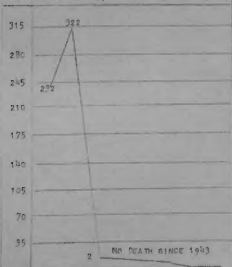


# TUBERCULOSIS

MORBIDITY AND MORTALITY (5 YEAR ANNUAL AVERAGES PER C.I.P.C.P.)

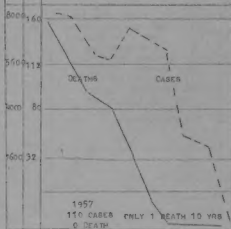


4 YR	DIPHTHERIA MORTALITY						
TOT	IMMUNIZATION HAS PAID DIVIDENDS						
DTHS	28-31	35	39	43	47	51	52-57



WE HAVE MAINTAINED ALMOST 100% IMMUNIZATION OF ALL INFANTS CHILDREN FOR YEARS MOSTLY WITH DITH-K. COUGH & TETANUS COMP MATERIAL

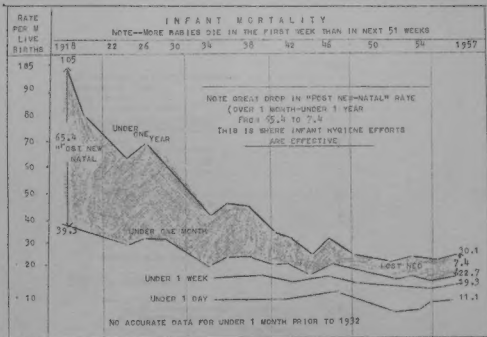
4 YR TOTS	WHOOPING COUGH NEXT TO 40?						
28-31	32-35	36-39	40-43	44-47	48-51	52-56	



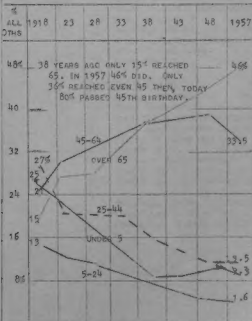
OVER 98% OF ALL CHILDREN GIVEN IMMUNIZATION--	YEAR	PR DR	CLIN	TOTAL
	1942	177	3697	3874
	1950	1405	3295	9700
	1957	2022	3644	5666

THESE ARE IMMUNIZATION TOTALS, SHOWING PRIV DOCTOR AND OUR CLINIC TEND.

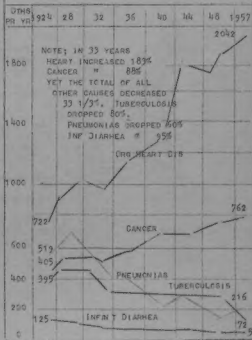




MORTALITY TRENDS BY AGE  
PEOPLE ARE LIVING LONGER



INTERESTING MORTALITY TRENDS BY CAUSE







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## WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES FURNISHED BY THE HEALTH DIVISION BUDGET. TOO OFTEN IT IS FELT THAT WE CAN INVESTIGATE NEIGHBORHOOD NOISANCES OR PLACARD FOR CONGRATULATIONS. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET:

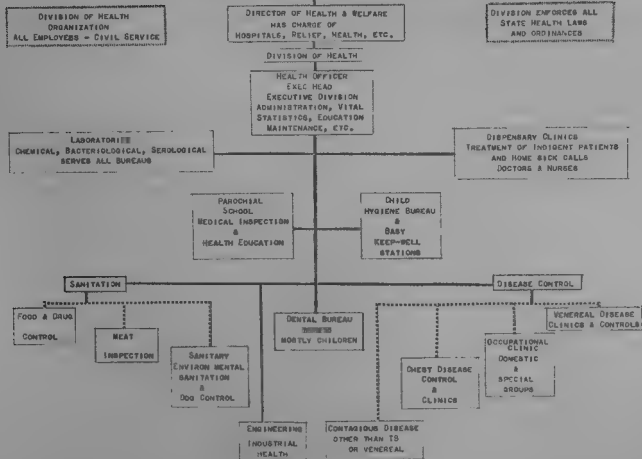
NOT ONLY - ENVIRONMENTAL SANITATION; DOG LICENSING AND RABIES VACCINATION; INFANT BOARDING HOME SUPERVISION; HANDLING AND STUDY OF VITAL STATISTICS AND MANY OTHERS;

### BUT ALSO

- 1 - MEDICAL CARE OF THE POOR - ALMOST \$400,000 IS SPENT FOR THE MEDICAL CARE OF THE POOR - PHYSICIAN TREATMENTS, HOME CALLS BY DOCTORS AND NURSES FOR THE SICK POOR, ETC.
- 2 - DISEASE CONTROL AND PREVENTION - THOUSANDS OF SCREEN-TESTING X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYphilis. CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC, IF NOT DISCOVERED IN TIME, AND WHICH CAN BE MUCH MORE CERTAINLY CURED IN THE EARLY STAGES. PROGRAM OF ISOLATION AND QUARANTINE TO CONTROL CONTAGION AND CONTINUAL CAMPAIGN FOR IMMUNIZATION AGAINST DIPHTHERIA, WHOOPING COUGH, SMALLPOX, AND RECENTLY INFLUENZA AND POLIO MYELITIS.
- 3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE. (ANTICIPATORY GUIDANCE).
- 4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 17,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE IN THE PUBLIC SCHOOLS, BY THE BOARD OF EDUCATION.
- 5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN DISPENSARY AND NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 6,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY.
- 6 - CLEAN FOOD - SECURE MAXIMUM SANITATION AND PURE FOOD IN EVERY FOOD ESTABLISHMENT WHERE THE PUBLIC HAS NO OTHER PROTECTION, PLUS COM-PULSORY LECTURES FOR EVERY FOOD HANDLER, OR EMPLOYER, TO PREVENT FOOD INFECTIONS.
- 7 - PURE MILK - INSURE A PURE SUPPLY OF MILK (2,000,000 QUARTS PER WEEK) AND THE MAJOR FOOD OF INFANTS AND CHILDREN. IT MUST BE CLEAN, PASTEURIZED AND BOTTLED.
- 8 - AND STILL OTHERS - CONTROL OF HAY FEVER (BEEF EXTERMINATION), CLEAN WELL AND POOL WATER; INDUSTRIAL HEALTH WORK IN INDUSTRY. KEEPING THE PUBLIC INFORMED AS TO HOW EACH INDIVIDUAL CAN HELP IMPROVE THE HEALTH OF HIMSELF, HIS FAMILY AND HIS NEIGHBORS.



CITY OF NEWARK, NEW JERSEY  
MAYOR AND CITY COUNCIL (ELECTED)  
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS ETC.





# DIVISION OF HEALTH

NEWARK, N.J.

HEALTH OFFICER

--

PASCAL V. BAIOCCHI, M.D.

ASST. HEALTH OFFICER

ROBERT F. MORGAN  
ADMINISTRATION

ASST. HEALTH OFFICER

JOSEPH E. CONNOLLY  
FOOD & DRUG

PUBLIC HEALTH ENGINEER  
JACOB M. BLOCK, B.S., M.P.H.

\*\*\*\*\*

## MEDICAL AND DENTAL BUREAU HEADS

CHILD HYGIENE  
JULIUS LEVY, M.D.

CONTAGION  
JOSEPH W. GARDAM, M.D.

CHEST DISEASES  
IRVING WILLNER, M. D.

VENEREAL DISEASE  
EDMOND EDELSON, M. D.

OCCUPATIONAL  
WILLIAM T. RUMAGE, M D

DENTAL  
J.E.H. GUTHRIE, D.D.S

CHIEF SUPV OF LABORATORIES  
CARL CORNASCO, B.S., PH. G.

SEROLOGICAL LAB  
MEYER LEVY, B. S.

CHEMICAL LAB.  
\*\*SARA ROTHBERG, S.A.

BACTERIOLOGICAL LAB  
FRED COLTRELL

CHIEF PHARMACIST  
OSCAR STEVENS, PH G.

CHIEF VETERINARIAN  
JOHN DEVINE, D.V.S.

\*\*\*\*\*

SUPV. CHIEF INSP.-- SANITATION

--

EDWARD A. SMITH

SUPV. CHIEF INSP -- CONTAGION

- -

WILLIAM S. JENNINGS

CHIEF INSPECTOR, - FOOD & DRUG

DAVID E. MORGAN

CHIEF INSPECTOR, - MEAT INSP

- -

JOSEPH HEARL

DIRECTOR, PUB HEALTH NURSING

MELVINA H. RYAN, R.N.

SUPERVISOR, CHILD HYG. NURSES

- -

EDITH DIAMATO, R.N., B.S.

SUPERVISOR, TUBERCULOSIS "

FRANCES DLUGOSZ, R.N.

SUPERVISOR, PAROCHIAL SCH \*

- -

MARY HOBAN, R.N., BS MA.

ACTIONG SUPV VIS HEALTH EDUC

PIERCE C. FELLOWS

\*\* REPLACED NICHOLAS DIAMATO B.A. WHO D FD JULY 20, 1957.





## NEWARK, NEW JERSEY

PASCAL J. BAIOGCHI, M.D., HEALTH OFFICER

HONORABLE LEO P. CARLIN, MAYOR - MEMBERS OF THE CITY COUNCIL,  
DIRECTOR AARON HARKIN, M.D. AND CITIZENS OF NEWARK, N. J.

THE CITY OF NEWARK HAS CONTINUED ITS GOOD HEALTH RECORD SINCE 1957, WITH EXCELLENT HEALTH RATES (TUBERCULOSIS 16.1 PER 100,000 AND MENTAL MORTALITY 30.1 PER 100,000), LOW INFANT AND A BRISTLE BATH RATE (1.4 PER 100,000), AND NO EVIDENCE OF NEWSPRINT CONTAGIOUS DISEASE. THIS IS A CREDIT TO THE CITY OF NEWARK AND THE COOPERATION OF THE GENERAL PUBLIC AND THE MEDICAL PROFESSION, AS WELL AS PRIVATE AGENCIES WORKING WITH US.

THESE WERE 529 DEATHS FROM ALL CAUSES INCLUDING 1946 NON-HEART DEATHS (MURDER, INFAN KIDNAPING), COMPARED WITH 501 DEATHS IN 1956, AN INCREASE OF 0.47% BASED ON AN ESTIMATE OF LATION OF 17,000 THOSE GIVING A LIFE EXPECT. RATE OF 11.86 PER 1000, WHICH IS BELOW THE NORMAL FOR THE FIVE YEAR PERIOD. MOST MAJOR CAUSES OF DEATH WERE THE ACCIDENTAL FORMS, 53; APPEXLY 15; BRG GTS 5 28; AND CROON C HEART DISEASE 121.

ORGAN MEAT ON YES APPET 40% OF ALL DEATHS AND, OF THE 20+2 SUCH DEATHS, THE HIGHEST EVER RECORDED, ABOUT 60% HAD PASSED THEIR 65TH BIRTHDAY. WITH THE REDUCTION IN OTHER CAUSES OF PROLONGED LIFE, THE FETER ORAY ON THE AGE SMOKE INCREASE. A MOST ENCOURAGING TOTAL 8.5 THERALUS (ALL FORMS) WITH 72 DEATHS, THE SAME AS 1956 AND ONLY 1 MORE THAN 1955 WHICH WAS THE LOWEST EVER RECORDED.

THERE WERE 11,687 DWTMS OR A CRUDE RATE OF 32.9 PER M, ALMOST EQUAL TO THE HIGHEST ON RECORD WHICH WAS 32.1 IN 1947. TANKS HAVE "BURNED" A FEW TIMES SINCE 1947 AND TAKEN TUBERS OFF. NOTE THAT THE LAST WAP, 4 NOV 01, WE HAVE CONTINUED A HIGH RATE. NO NEWBORN HAS MANY ANCHOR BENT, THIS WORKER HAS - THIS, THE HIGHER RATE IS ENTERED SEE SPAT 8-TOTAL TABLE.

## ITEMS OF SPECIAL INTEREST

## TUBERCULOSIS MORTALITY

"THE "CENTRAL" DEATH RATE OF 16.1 PER CM WAS THE SAME AS F 906 WHICH HAD BEEN THE EIGHTH CONSECUTIVE YEAR RECORD. TREATMENT OF REL-9047, W. A. C., HOSPITAL ENTRY, AND LONG CCS AFTER, TECHNICAL RECORDING IN S RATE FROM 185 N 1018 TO 43.9 N 236. N THE PAST TEN YEARS, F 9048 RATES CHANGED OF 7% MOSTLY DUE TO THE EFFECTS OF SCORFED "BONDER PROBLEM." N MEASURING THE HEALTH OF A PERSON'S TUBERCULOSIS MORTALITY IS ONE

OF THE FERTILITY RATE TO CONSIDER AS IT IS SO  
DIFF. T. A FERTILE BY POOR LIVING CONDITIONS,  
MALNUTRITION, OVERCROWDING, LOW INCOME AND  
GENERAL HEALTH KNOWLEDGE BY THE MOTHER. IT  
IS ALSO ONE OF THE FACTORS WHICH MAY BE SA  
GAP TO V. BENEFITED BY A GOOD HEALTH PROGRAM.  
FO. T. NAMELY, THE FERTILE RIG. BE. FREQUENT  
T. RATE EXPOSURE TO FORCE, BUT RELY IN  
OVERCROWDED LIVING CONDITIONS, SUCH AS DATE  
IT. T. MUST BE INCREASED. THE RATE IS  
THEREFORE, ALWAYS HIGHER IN SUCH SECTIONS.  
THAT EXPLAINS WHY IT IS HIGHER AMONG NEGROES  
IN THE SOUTHERN STATES, DUE TO UNFORTUNATE  
HOUSING HANDICAPS.

THE RATE AMONG NEGROES IN NEWARK, HAD BEEN REDUCED FROM 34 PERCENTLY TARGETED REPORT FROM 28.4 IN 1921; 18.7 IN 1947 AND 53.2 IN 1957, A FURTHER OF 85% IN 15 YEARS AND ALMOST 70% IN PAST 9 YEARS.

## INFANT MORTALITY

30.1 PFR - R RTHS INFANT MORTALITY, LIKE  
THERCULOSIS MORTALITY  
IS AN EXCELLENT MEASUR-  
ING TOOL OF HL RTH IN WORK. THE R WFT  
4.3 FEATH WITH THE YEAR, AMONG 1,697 RIRTHS  
OR RATE OF 30.1 PER 1000 RTHS. WHEN CHILD  
WAS THE WORK RATE IN THIS DEPARTMENT 40  
YEARS AGO, THE RATE WAS EVER 100. HAD THAT  
BE CONTINUED THERE WOULD HAVE BEEN 1,500 BABY  
DEATHS LAST YEAR INSTEAD OF 413.

THE BULK OF THIS MORTALITY REDUCTION HAS BEEN INTESTINAL, CONTAGION AND RESPIRATORY DISEASES. INTESTINAL DISEASE AVERAGED 220 DEATHS PER 1000 LBS T A MONTH OR 5. DISPER YR AVERAGED 200 LBS (EARLY 35). CATAGOR DEATHS OF INFANTS WERE 150; 150; 150; 150. DECEASED 1000 TONS HAS DECREASED MUCH LESS, FOR 38 PER CENT TO 27. 75 ONE THIRD OF BORN DEATHS PER THE FIRST DAY AND NEEDED THE NEXT SIX WRS. HEART HYGIENE IN A LITTLE 3/4 THE SEARS. WE GET FOR DEATHS OVER 1 MONTH UNDER 1 YEAR 5 ONLY 7.4 PER D. WE CALL THAT THE POST-NATAL RATE.



CARE OF SICK POOR AMONG THE FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DIVISION BUT NOT REALIZED BY MANY, IS CARE OF THE SICK POOR. MORE THAN 20% OF OUR BUDGET (\$409,000) IS USED FOR THIS PURPOSE. WE PROVIDE ALL OF THAT WORK OTHER THAN HOSPITAL CARE. WE PAID FOR 5615 HOME CALLS BY PHYSICIANS AND 3784 HOME CALLS BY NURSES FOR WHICH WE PAY THE V.N.A. DOCTOR CALLS \$5 FOR DAY CALLS, \$3 FOR NIGHT CALLS AND \$3 FOR EACH NURSE CALL.

WE DO NOT HAVE A DISPENSARY GIVING TREATMENT FOR PRACTICALLY EVERY SPECIALIZED CONDITION. 33,061 DIFFERENT PATIENTS MADE 76,295 VISITS AND WERE GIVEN 68,836 FREE PRESCRIPTIONS. DENTAL CLINICS SERVE NOT ONLY ADULTS, BUT ALSO ALL POOR CHILDREN IN BOTH PAROCHIAL AND PUBLIC SCHOOLS, IN 9 NEIGHBORHOOD CLINICS.

INFANT WELFARE (MENTAL HYGIENE) OUR CHILD HYGIENE NURSES MADE 79,792 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT MOTHERS HAVE PEDIATRIC SERVICE, EITHER HOME OR ONE OF OUR BABY STATIONS, BUT ALSO INSTRUCT AS TO DIET, SANITARY FEEDING, IMMUNIZATION AND OTHER PHYSICAL NEEDS, BUT INSTRUCT MOTHERS IN PROPERLY HANDLING BEHAVIOR PROBLEMS WHICH, IF NOT HANDLED INTELLIGENTLY WOULD OFTEN LEAD TO JUVENILE DELINQUENCY AND WARPED ADULT PERSONALITIES. THEY SUPERVISED 18,016 BABIES. WE ALSO LICENSE AND SUPERVISE ALL BOARDING HOMES FOR INFANTS.

FOOD HANDLER LECTURES TO PREVENT FOOD INFECTIONS, WE NOT ONLY INSPECT ALL FOOD PLACES, BUT WE HAVE A COMPULSORY (4 LECTURE COURSE) ABOUT 1000 FOOD HANDLERS EACH YEAR ATTEND--10,000 ALREADY TOOK IT.

SPANISH SPEAKING (FOR PORTO RICANS) THE INCREASE IN SPANISH SPEAKING FAMILIES MOSTLY FROM PORTO RICO, PROMPTED A LARGE GROUP OF OUR HEALTH NURSES TO VOLUNTARILY TAKE A COURSE IN SPANISH, PAYING THEIR OWN FEES. WE ARE PROUD TO HAVE THAT TYPE OF EMPLOYEES.

POLIO & FLU VACCINATION WITH THE DEVELOPMENT OF SALK VACCINE FOR POLIO, WE STARTED A PROGRAM TO SECURE ITS MAXIMUM USE, CO-OPERATING WITH SCHOOLS AND IN OUR OWN CLINICS WITH 46,000 INJECTIONS IN 1956 AND IN 1957 WE ADDED 67,765 MORE INJECTIONS, INCLUDING 33,077 FINAL OR THIRD INJECTIONS.

THE OUTBREAK OF ASIATIC INFLUENZA, CALLED US TO SECURE ALL POSSIBLE SUPPLY OF THE SPECIALIZED VACCINE AND SUPERVISED A PROGRAM TO INSURE AS MUCH PROTECTION AS POSSIBLE IN SUCH GROUPS AS HOSPITAL EMPLOYEES, POLICE, FIRE AND OTHER CITY EMPLOYEES.

SLUM, PLUMBING & INDUSTRIAL IN 1954 THE PLUMBING AND THE BULK OF OUR ENVIRONMENTAL SANITATION STAFFS WERE TRANSFERRED TO A CENTRAL DIVISION OF INSPECTIONS WHICH HAD THEREFORE INCLUDED BUILDING INSPECTIONS, ETC. WE STILL RETAIN A SMALL STAFF TO HANDLE ROUTINE SANITARY VIOLETIONS AND 2 INDUSTRIAL HYGIENE NURSES (SEE INDUSTRIAL HYGIENE REPORT HEREIN).

## GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5295 OR A CRUDE RATE OF 11.85 PER 1000 ON ESTIMATED POPULATION OF 447,000, COMPARED WITH 50% LAST YEAR. AS NEWARK IS A HOSPITAL CENTER FOR MANY COMMUNITIES, NON-RESIDENT DEATHS FAR EXCEEDED DEATHS OF NEWARKERS OUT OF TOWN. IF WE SUBTRACT THE NON-RESIDENTS (1045), WE HAVE AN ADJUSTED RATE OF 9.5 COMPARED WITH 9.0 IN 1956 WHICH WAS THE LOWEST EVER RECORDED.

### CRUDE AND ADJUSTED DEATH RATES

YEAR	POP IN 1000'S	CRUDE DEATHS	CRUDE RATE	ADJUST DEATHS	ADJUSTED RATE
1940	429	5,085	11.7	4,761	11.1
1941	429	4,983	11.6	4,445	10.3
1942	429	5,090	11.9	4,659	10.8
1943	440	5,523	12.6	5,043	11.5
1944	440	5,052	11.6	4,535	10.3
1945	443	5,141	11.6	4,586	10.4
1946	443	4,937	11.1	4,395	9.9
1947	445	5,097	11.2	4,411	9.9
1948	445	5,222	11.7	4,382	9.8
1949	443	5,086	11.5	4,229	9.5
1950	443	5,126	11.5	4,292	9.6
1951	443	5,161	11.5	4,249	9.6
1952	440	5,411	12.3	4,515	10.2
1953	440	5,387	12.2	4,384	10.0
1954	443	5,089	11.5	4,027	9.1
1955	443	5,192	11.7	4,097	9.2
1956	443	5,041	11.4	3,995	9.0
1957	447	5,296	11.8	4,250	9.5

### PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF NEWARK DEATHS, INCLUDING NON-RESIDENTS AND THE KNOWN DEATHS OF NEWARKERS DYING FROM TUBERCULOSIS OUT OF TOWN SANATORIA WERE AS FOLLOWS:

	1944	1953	1955	1956	1957
URG HEART DIS	1728	1963	2018	1921	2042
CANCER	735	828	743	706	761
APPOXY	478	493	398	542	557
CONGENITAL DEF	301	299	359	387	365
PNEU & RESP DIS	258	228	324	333	386
BRIGHT'S DIS NEPH	249	241	222	190	218
TUBERCULOSIS	211	97	68	72	72

TUBERCULOSIS THE 72 TUBERCULOSIS DEATHS OF ALL FORMS WAS THE SAME TOTAL AS 1956 AND A MORTALITY RATE OF 16.1 PER C.M. WHEN WE STARTED OUR CONTROL EFFORTS ABOUT 40 YEARS AGO THAT RATE AVERAGED 200. HAD THAT RATE PREVAILED, WE WOULD HAVE HAD 894 SUCH DEATHS THIS YEAR INSTEAD OF 72. IT IS PARTICULARLY ENCOURAGING INASMUCH AS A STEADY BUT SLOW DROP FOR MANY YEARS HAS ACCELERATED WITH A 75% DROP SINCE USE OF CHEMOTHERAPY STARTED, ONLY NINE YEARS AGO. OUR FIELD NURSES ARE GIVING HOME INJECTIONS TO NON-AMBULATORY NEEDY PATIENTS.



HEART DISEASE THE MAJOR CAUSE OF MORTALITY IS NATURALLY, ORGANIC HEART DISEASE, WITH 2042 DEATHS, OR 40% OF ALL CAUSES. AN INCREASE OF 121 OVER 1957 AND ANOTHER NEW HIGH PEAK. THERE CAN BE LITTLE QUESTION THAT MUCH OF THE INCREASE IN RECENT YEARS, IS DUE TO THE INCREASED LIFE SPAN. TO ILLUSTRATE THIS, 1166 OF THE HEART DEATHS, OR 60% OF THEM, WERE OVER 65 YEARS OF AGE. INCREASED TEMPO IN LIVING HABITS, WORRY AND HYSTERIA NATURALLY CONTRIBUTE. THE 1ST WORLD WAR BROUGHT IT TO A NEW HIGH THEN OF 663 IN 1918. IT PROCEEDED FOR SOME YEARS THEN UNTIL THE DEPRESSION BROUGHT IT TO ANOTHER NEW HIGH OF 1347 IN 1929. WORLD WAR 2 PRODUCED ANOTHER NEW PEAK OF 1975. IT DROPPED IN 1946 TO 1663, BUT AS ANTICIPATED, WORLD TENSION AND, OF COURSE, OLDER AGE HAS BROUGHT IT UP AGAIN.

LONGER LIFE - AGE AT DEATH THAT WE ARE LIVING LONGER IS INDICATED BY STUDY OF AGE AT DEATH. IN 1957, 4222 OF 5296 DEATHS HAD REACHED 45 YEARS OF AGE OR BETTER, COMPARED WITH ONLY 45%, THIRTY YEARS OR THEREABOUTS. 2446 WERE OVER 65 OR 46% COMPARED WITH ONLY 22% THIRTY YEARS AGO.

TYPHOID FEVER A FORMER MAJOR CAUSE OF ILLNESS AND MORTALITY IS WORTHY OF MENTION. BEFORE UNIVERSAL PURE WATER AND MILK PASTEURIZATION, IT WAS A SERIOUS PROBLEM. WE HAVE HAD NO TYPHOID DEATH IN ELEVEN YEARS, AND ONLY 86 CASES IN THAT TIME. ALL OF THESE WERE PROVEN TO BE OUT-OF-TOWN ACQUISITIONS.

FREEDOM FROM CONTAGIOUS MEASLES HAS PREVALENT BUT NO MAJOR DISEASE, AND NO DEATH FROM ANY CONTAGIOUS DISEASE. FOLLOWING TABLE SHOWS THE YEAR 1957 CASES AND DEATHS FOR SEVERAL CAUSES AND THE 11-YEAR NORMAL FOR SAME.

DISEASE	1957		11 YR NORM	
	CASES	DETHS	CASES	DETHS
DIPHTHERIA	7	0	0	0
SCARLET FEVER	442	0	206	0
ENTERIC FEVER	74	2	17	3
WHOPPING COUGH	110	0	250	0
MEASLES	6488	0	3536	0
INFANTILE PARV.	7	0	31	3

DIPHTHERIA THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN 14 YEARS AND ONLY ONE CASE IN EIGHT YEARS. IN FACT WE HAVE HAD ONLY 20 CASES AND 1 DEATH IN 17 YEARS. THAT 1 DEATH WAS AN IMMUNIZED CHILD WHO DEVELOPED THE DISEASE A FEW WEEKS AFTER COMING TO NEWARK TO LIVE. ABOUT 25 YEARS AGO, DIPHTHERIA AVERAGED 1000 CASES AND ALMOST 100 DEATHS ANNUALLY. ITS ELIMINATION HAS NOT BEEN MERELY AVAILABLE CITY EFFORT OR REDUCED VIRULENCE, BUT THANK ALL-OUT EFFORT. OUR CHILD HYGIENE NURSES SECURE IMMUNIZATION AND OUR CONTAGIOUS DISEASE INSPECTORS MAKE THOUSANDS OF VISITS ANNUALLY TO INSURE COMPLETION OF FULL IMMUNIZATION SERIES. PRACTICALLY 100% OF ALL PRESCHOOL CHILDREN ARE PROTECTED, AND SCHOOL CHILDREN RE-IMMUNIZED DURING SCHOOL AGE. WE USE COMBINED DIPH-THERIA COUGH-TETANUS IMMUNIZATION MATERIAL.

SCARLET FEVER - VIRULENCE SPEAKING OF CHANGING VIRULENCE OF DISEASE ORGANISMS SCARLET FEVER PROVIDES AN INTERESTING EXAMPLE. THIS DISEASE UP TO 35 OR 40 YEARS AGO, CAUSED MANY SERIOUS AFTER-EFFECTS AND CAUSED 19 DEATHS IN EACH THOUSAND CASES. IT HAS STEADILY REDUCED IN SEVERITY, AND FOR NO OTHER KNOWN CAUSE, UNTIL TODAY WE HAVE HAD ONLY 1 DEATH AMONG 3302 CASES IN THE PAST 12 YEARS. REPORTED CASES HAVE ALSO DROPPED CONSIDERABLY, WHICH MAY BE DUE TO THE MILDNESS OF SYMPTOMS, PREVENTING DIAGNOSIS IN MANY CASES.

MATERNAL MORTALITY DEATHS OF MOTHERS AT DELIVERY, NUMBERED ONLY 5 OUT OF 14,980 DELIVERIES, OR .03% (1957) (1958) (1959) (1960) (1961) (1962) (1963) (1964) (1965) (1966) (1967) (1968) (1969) (1970) (1971) (1972) (1973) (1974) (1975) (1976) (1977) (1978) (1979) (1980) (1981) (1982) (1983) (1984) (1985) (1986) (1987) (1988) (1989) (1990) (1991) (1992) (1993) (1994) (1995) (1996) (1997) (1998) (1999) (2000) (2001) (2002) (2003) (2004) (2005) (2006) (2007) (2008) (2009) (2010) (2011) (2012) (2013) (2014) (2015) (2016) (2017) (2018) (2019) (2020) (2021) (2022) (2023) (2024) (2025) (2026) (2027) (2028) (2029) (2030) (2031) (2032) (2033) (2034) (2035) (2036) (2037) (2038) (2039) (2040) (2041) (2042) (2043) (2044) (2045) (2046) (2047) (2048) (2049) (2050) (2051) (2052) (2053) (2054) (2055) (2056) (2057) (2058) (2059) (2060) (2061) (2062) (2063) (2064) (2065) (2066) (2067) (2068) (2069) (2070) (2071) (2072) (2073) (2074) (2075) (2076) (2077) (2078) (2079) (2080) (2081) (2082) (2083) (2084) 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ACCIDENT DEATHS THERE WERE 189 ACCIDENTAL DEATHS, A DECREASE OF 5 DEATHS. MOST 4 LF OF ALL ACCIDENTAL DEATHS. AUTO AND DEATHS, A DECREASE OF 5 DEATHS. MOTORCYCLE DEATHS DECREASED TO 57, AN ENCOURAGING TENDENCY FOR AN IMPROVEMENT IN THE RECORD FOR THE YEAR 1954. FALLS ARE THE CAUSE OF AL-

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES SINCE 1943

YEAR	TOTAL	AUTO & MOTOR	ACC FALLS	BURNS	ASPH. BED'D	ALCOHOL	CARB. MONOX	CRUSHING	DROWN	ELEC	HEAT EXH.	ILL. WAS	RRS	FIRE	MISC.
1943	304	90	87	19	6	8	-	2	13	1	4	23	9	9	33
1944	270	77	92	14	3	9	-	2	5	2	7	26	5	9	19
1945	271	57	107	13	9	5	3	8	4	1	1	23	6	11	23
1946	234	66	90	12	8	2	3	6	5	3	1	13	2	8	15
1947	200	36	79	7	12	-	1	3	7	-	1	17	5	18	14
1948	212	40	78	11	12	2	1	7	18	-	8	14	2	10	9
1949	174	33	76	2	13	1	3	6	5	1	4	12	-	9	8
1950	194	40	84	10	4	-	3	1	9	3	-	13	5	9	13
1951	191	45	85	17	1	1	-	3	11	-	-	7	7	3	11
1952	226	50	90	9	4	-	-	3	-	1	29	9	1	8	14
1953	228	50	96	5	4	-	-	3	7	3	15	1	3	28	12
1954	179	35	90	8	6	-	2	1	3	1	-	8	2	17	7
1955	180	46	85	13	4	-	-	3	5	4	2	1	3	8	6
1956	195	67	80	8	10	-	5	-	2	1	-	1	5	10	6
1957	189	57	86	7	5	-	1	-	2	-	2	2	-	17	10





NEGRO HEALTH STATISTICS

THE 1957 ESTIMATED NEGRO POPULATION IS 90,000. FORMERLY ESTIMATED AS APPROXIMATELY 10% OF THE TOTAL POPULATION, WE LEARN BY THE OFFICIAL 1950 CENSUS THAT THE FIGURE WAS 75,266 THAT YEAR. IN THE FOLLOWING TABLE WE HAVE LISTED OUR PREVIOUS ESTIMATES GRADUALLY FROM 1940 TO 1950 TO GIVE A CORRECT STORY. ALLOWING FOR NATURAL INCREASE (BIRTHS OVER DEATHS) WHICH IS 9000, WE ARE CERTAIN THAT PRESENT POPULATION WOULD BE AT LEAST 85,000. WE ARE QUITE SURE, HOWEVER, THAT THE OFFICIAL CENSUS FIGURE WAS LOW, PARTICULARLY IN THE OVERCROWDED OVER-CROWDED SECTIONS. THIS IS ALSO CORROBORATED BY THE BIRTH RATE FOR EXAMPLE. THAT IS WHY WE USED 90,000 FOR OUR 1957 ESTIMATE AND ARE USING 95,000 FOR 1958.

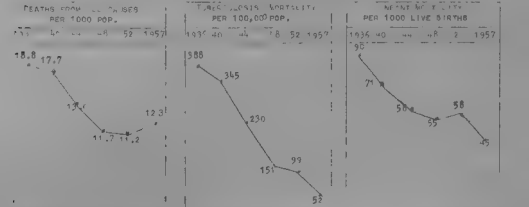
A STUDY OF THE PAST 20 YEARS IS REMARKABLE AND INDICATES EXCELLENT RESULTS OF CONCENTRATED EFFORT. IN THIS GROUP, DUE TO UNFORTUNATE HOUSING HAND CAPS, WE FIND THE SAME HIGH DISEASE AND MORTALITY RATES AS WE DO IN NATURAL IN ANY SUB-PART OF SLUM SECTION. WE FIND, HOWEVER, THAT TUBERCULOSIS MORTALITY, THE MOST DIRECTLY AFFECTED BY OVERCROWDING AND ECONOMIC CONDITIONS, HAS BEEN DECREASED FROM 388 PER 100,000 TO 52.2 OR A PHENOMENAL DROP OF 90%. INFANT MORTALITY, IN TWENTY YEARS HAS FALLEN FROM 89.5 TO 44.5 OR A 50% REDUCTION.

THE MORTALITY RATE FROM ALL CAUSES DROPPED FROM 18.8 IN 1936, TO 12.3 OR 35%. FOR SEVERAL YEARS THE RATE HAS BEEN ABOUT THE SAME AS FOR THE TOTAL POPULATION. THERE WERE ONLY 3 PUERPERAL DEATHS OR 0.7 PER 1000 DELIVERIES AND NO SEPTICEMIA MATERNAL DEATH IN NINE YEARS.

NEGRO MORTALITY RATE 1936-1957, THE HIGHEST EVER RECORDED, BEING 18.8 IN 1936. THE MORTALITY RATE ESTIMATE IS STILL TOO LOW AND MUST BE 15.0 FOR 1957.

YEAR	POP IN 1000'S	DEATHS	MORT RATE	BIRTHS	TB RATE	TB DEATHS	TB MORT	INFANT DEATHS	INF MORT	MATERNAL SEPT.	TOTAL	DEATHS PER 1000
1936	42	789	18.8	883	21.0	163	388.1	79	89.5	2	8	9.1
1938	43	690	16.0	997	23.2	131	304.7	42	62.2	1	4	4.0
1940	40	695	17.7	1043	26.1	198	345.0	74	70.9	1	10	10.0
1942	44	721	16.4	1277	28.3	125	284.1	69	54.5	0	1	1.0
1944	52	579	13.0	1326	25.4	119	229.1	76	57.3	0	2	1.6
1946	60	678	11.3	1595	26.6	122	203.3	87	54.5	1	5	3.1
1948	68	805	11.7	2225	32.7	103	151.5	123	55.3	0	2	0.9
1950	76	845	11.1	2344	30.9	98	129.0	118	49.9	0	5	2.1
1951	78	824	10.6	2590	33.2	83	106.4	109	42.1	0	1	0.4
1952	80	816	11.2	2659	31.9	79	98.7	153	57.5	0	8	3.0
1953	80	907	11.3	2917	36.5	49	61.2	119	40.8	0	2	0.7
1954	80	878	11.0	3245	40.6	36	45.0	149	45.4	0	6	1.8
1955	83	974	11.8	3630	43.7	43	51.8	172	47.4	0	3	0.8
1956	85	921	10.8	4021	47.3	35	41.2	189	47.9	0	2	0.8
1957	90	1105	12.3	4419	49.0	47	52.2	197	44.5	0	3	0.7

A GRAPH OFTEN TELLS THE STORY BETTER THAN FIGURES.





## ADMINISTRATION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE ADMINISTRATIVE BUREAU SUPERVISES ALL THE FUNCTIONS OF THE ENTIRE DIVISION FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING, MAINTENANCE AND CLEANING, HEALTH EDUCATION AND PUBLICITY, PERSONNEL RECORDS AND ASSIGNMENT, REPRODUCTION OF FORMS AND REPORTS, DIVISIONAL INSTRUCTIONS AND HEALTH REPORTS.

VITAL STATISTICS DURING 1954, THE HEALTH OFFICER WAS OFFICIALLY MADE REGISTRAR OF VITAL STATISTICS INSTEAD OF THE CITY CLERK AS THEREFORE AND A STAFF OF CLERICAL WORKERS WAS TRANSFERRED TO THE HEALTH DIVISION.

THAT SMALL GROUP RECEIVED 14,697 BIRTH, 5296 DEATH AND 4399 MARRIAGE CERTIFICATES DURING THE YEAR. THEY PREPARE REFERENCE CARDS FOR EACH MICRO-FILM ALL OF THEM, SENDING THE ORIGINAL CERTIFICATES TO THE STATE DEPT OF VITAL STATISTICS. ALL BIRTH AND DEATH CERTIFICATES ARE ALSO PUT ON IBM SORTING CARDS TO ASSIST IN PREPARING STUDIES AND REPORTS. INDIVIDUAL BIRTH RECORDS ARE PREPARED AND DELIVERED BY OUR CHILD HYGIENE NURSES. PHOTOSTAT COPIES OF OUT-OF-TOWN BIRTHS AND DEATHS MUST ALSO BE SENT TO THE CITY OF RESIDENCE.

BURIAL PERMITS ARE ISSUED AND MANY OLD RECORDS ARE MADE BY REQUEST. THIS IS OFTEN A SLOW PROCEDURE. PRIOR TO MICRO-FILMING, SUCH DATA WAS COPIED IN PEN AND INK IN OLD BROWN BOOKS, MOST OF WHICH ARE RAPIDLY DETERIORATING. INCIDENTALLY THOSE BOOKS ARE NOW BEING MICRO-FILMED WHICH WILL REQUIRE 5% OF THE SPACE NEEDED FOR THE BOOKS AND SAVE HOURS OF TIME LOOKING UP OLD RECORDS.

FOLLOWING IS A TABULATION OF THE RECORDS ISSUED AFTER SEARCH IN ADDITION TO THE ROUTINE WORK EXPLAINED ABOVE.

	FEE	CHARGE	FREE*	TOTAL
BIRTH RECORDS	8359	3582		11,941
DEATH RECORDS	17769	1160		18,929
MARRIAGE "	2726	250		2,976
TOTALS	28854	4992		33,846

\*FREE RECORDS ARE FOR VETERANS, SCHOOL PENSION AND OFFICIAL AGENCIES.

NOTE, EFFECTIVE OCT 1, 1957, FEES FOR SUCH RECORDS WERE INCREASED FROM \$1 TO \$2, AND A FEE OF 50¢ FOR EACH BURIAL OR REMOVAL PERMIT, BOTH FORMERLY WITHOUT CHARGE.

MAINTENANCE CLEANING, HEATING AND GENERAL MAINTENANCE IS PROVIDED FOR OUR MAIN BUILDING, 3 ANNEXES AND CONSIDERABLE MAINTENANCE FOR 24 OUTSIDE HEALTH STATIONS AND NEIGHBORHOOD CLINICS. IT PROVIDES ELEVATOR OPERATION, NIGHT WATCH SERVICE, ETC.

VISUAL HEALTH EDUCATION OUR HEALTH EDUCATION WORK IS AIDED THROUGH

THE FOLLOWING MEDIA; TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ON HOME SAFETY AND ANOTHER ON "NEWARK'S HEALTH DEPARTMENT", AND HEALTH EXHIBIT DISPLAYS. THESE FILMS AND SLIDES ARE USED BY OUR LECTURERS BEFORE CIVIC CLUBS, P.T.A.'S AND SUCH GROUPS. WE ALSO OPERATE A FOOD-HANDLING LECTURE COURSE (4 1 HOUR LECTURES) WHICH IS COMPULSORY FOR ALL FOOD HANDLERS INCLUDING MANAGEMENT.

## LEGAL WORK

MILTON GOODMAN AB,LLB ALTHOUGH THE CITY LAW COMP PROC OFFICER DEPARTMENT HANDLES LEGAL WORK FOR ALL CITY DEPARTMENTS, OUR WORK IS GREATLY AIDED BY OUR PROCESSING OFFICER WHO IS A LAWYER WITH PUBLIC HEALTH EXPERIENCE. HE IS PRESENT AT ALL PRELIMINARY HEARINGS BEFORE THE HEALTH OFFICER. AFTER BOTH SIDES ARE HEARD AT THESE HEARINGS, TIME IS OFTEN GRANTED AND NECESSARY COURT CASES ARE CONSIDERABLY REDUCED IN NUMBER.

DURING 1957, 1201 CASES DID GO TO COURT INCLUDING MANY CASES FOR THE SLUM AND PLUMBING BUREAUS, NOW PART OF THE INSPECTION DIVISION OF THE CITY. IN ADDITION TO ABATEMENTS SECURED, \$11,595 IN PENALTIES WAS COLLECTED.

## HEALTH ENGINEERING

JACOB M. BLOCK, BS, MPH OUR PUBLIC HEALTH PUB. HEALTH ENGINEER ENGINEER ACTS AS THE CONSULTANT TO THE HEALTH OFFICER IN THE MANY ENGINEERING PHASES OF OUR WORK IN THE VARIOUS BUREAUS. HE ALSO ACTIVELY SUPERVISES SEVERAL PROJECTS AND THE ROUTINE INDUSTRIAL NURSING PROGRAM.

INDUSTRIAL MEDICAL AND NURSING THE TWO NURSES SURVEYED MEDICAL, NURSING AND HEALTH PROMOTION PROGRAMS IN OUR INDUSTRIAL PLANTS. THEY MAKE RECOMMENDATIONS TO IMPROVE CONDITIONS WHERE NECESSARY, HOLD CONSULTATIONS WITH MANAGEMENT AND PLANT DOCTORS OR NURSES, DISTRIBUTE LITERATURE AND POSTERS. THEY ALSO ASSIST IN OUR SPECIAL CAMPAIGNS SUCH AS A CHEST XRAY PROGRAM FOR TUBERCULOSIS, BLOOD TESTING FOR VENEREAL DISEASE, AND BLOOD TESTING FOR DIABETES.

THESE NURSES ALSO ASSIST BY INSTRUCTION AND FIELD TRIPS, NURSES FROM THE LOCAL HOSPITAL TRAINING SCHOOLS.

AN UNUSUAL ASSIGNMENT THIS YEAR WAS THE EMBARGO OF IMPORTED PAINTED TOYS WHERE THE FEDERAL AUTHORITIES CALLED FOR OUR CO-OPERATION TO PREVENT LEAD POISONING. THIS WAS DONE AND OUR OWN CHEMICAL LABORATORY TESTED MANY ARTICLES, MOSTLY FROM JAPAN. OUR LAB.



TESTS PROVED THERE WAS NO SUCH HAZARD WHICH WAS  
LATER CONFIRMED BY THE FEDERAL AUTHORITIES AND  
THE EMBARGO WAS LIFTED.

THE NURSES MADE A TOTAL OF 1,232 VISITS TO  
INDUSTRY DURING THE YEAR AS FOLLOWS:

PLANT SURVEYS	--	435
FOLLOW-UPS (RECOM. COMPLY NOTICES ETC)		339
SPECIAL PROGRAMS (VD, TB DIAB. ETC)		282
OTHER VISITS MISCELL		167
REQUEST VISITS	--	9

	No. OF PLANTS	
	CONTACTED	COOPERATED

CHEST XRAY PROGRAM	315	187
VENEREAL Dis "	225	40
DIABETES	30	22

	No. OF WORKERS	
	EMPLOYED	PROCESSED
CHEST X RAY PROGRAM	32,958	17,275
VENEREAL Dis. "	5,822	747
DIABETES	5,522	2,077

RECOMMENDATIONS OF A NATURE NOT INVOLVING  
VIOLATIONS OF ORDINANCES, TOTALLED 1,071, OF  
WHICH 458 WERE COMPLIED WITH.

RAG-WEED, POLLEN &  
POISON IVY CONTROL

OUR PROGRAM OF RAGWEED,  
AND POISON IVY CONTROL  
WAS REPEATED THIS YEAR. WE SPRAYED WITH 1%  
SOLUTIONS OF 2 4-D AND 2 4 5-T RESPECTIVELY.  
IN 1956, OUR POLLEN COUNT WAS 2ND LOWEST TO  
JERSEY CITY BUT HOW WE STOOD IN 1957 IS NOT  
KNOWN AS THE STATE DEPT OF HEALTH COMPILATION  
REPORT HAS NOT BEEN RECEIVED AS YET.

WELLS ALTHOUGH THE SURVEY OF WELLS WAS  
COMPLETED DURING 1956, AN ORDINANCE  
RESULTING FROM OUR RECOMMENDATIONS EVOLVED  
FROM THIS SURVEY HAS NOT AS YET BEEN ACHIEVED.  
FURTHER CONFERENCES ON THIS SUBJECT ARE PLANNED.

SWIMMING POOLS THIS IS THE FIRST FULL YEAR  
OF THE OPERATION OF OUR NEW  
SWIMMING POOL ORDINANCE AND CODE. OUR F.I.  
MAN MAKES ROUTINE WEEKLY INSPECTIONS WHICH  
INCLUDE POOL-SIDE TESTS FOR RESIDUAL CHLORINE  
AND PH. THE POOL WATERS ARE ALSO SAMPLED FOR  
BACTERIOLOGY.

AS A RESULT OF THESE TESTS, THIS DIVISION  
RECOMMENDED THAT ALL THE CITY-OPERATED BADING  
POOLS BE CLOSED UNTIL SUCH TIME AS THE QUALITY  
OF THE WATER THEREIN WOULD BE ACCEPTABLE. IT  
WAS NECESSARY TO KEEP THEM CLOSED THE ENTIRE  
SEASON. THEY WILL REQUIRE SOME MECHANICAL  
INSTALLATIONS TO INSURE MAXIMUM SAFETY FOR THE  
YOUNGSTERS USING THESE POOLS.

ONE PRIVATELY-OWNED SWIMMING POOL WAS  
CLOSED DUE TO THE POOR QUALITY OF THE WATER.  
THIS POOL WAS OF THE FILL AND DRAW TYPE AND  
WILL REQUIRE EXTENSIVE ALTERATIONS IN ORDER  
TO BE MECHANICALLY CAPABLE OF OPERATION IN A  
MANNER TO INSURE WATER OF GOOD QUALITY.

AIR POLLUTION NEWARK, BEING AN INDUSTRIAL  
CENTER, THE PROBLEM OF AIR  
POLLUTION IS NATURALLY A MAJOR ONE, ALTHOUGH  
MUCH HAS BEEN ACCOMPLISHED UNDER EXISTING  
REQUIREMENTS, A MODERN ORDINANCE AND CODE IS  
BEING PREPARED. THE HEALTH OFFICER AND THE  
PUBLIC HEALTH ENGINEER ARE NATURALLY ASSIST-  
ING IN SETTING UP PROPER ENFORCEABLE REQU-  
LATIONS.



# FINANCIAL STATEMENT

	1956	1957
PERSONAL SERVICES (SALARIES)	449 EMPLOYEES \$1,610,185	448 EMPLOYEES \$1,694,592
OTHER THAN PERSONAL SERVICES	-- 151,125	-- 183,615
TOTALS	761,310	1,878,207

## TYPE OF EXPENDITURES (OTHER THAN SALARIES)

	1956	1957		1956	1957
Doctor HOME CALLS	11,500	19,400	IN-SERVICE TRAINING	1,500	1,480
NURSE SICK CALLS VNA	14,000	13,875	CARFARE-TRAVEL ALLOW	8,439	9,936
DRUGS & CHEMICALS	29,984	35,007	MILK & FOOD SAMPLES	1,754	1,201
CLIN & SURG SUPPLIES	6,909	2,966	CLEANING HEALTH STA'S	1,861	2,981
DENT EQUIP & SUPPLIES	2,330	2,718	FURNITURE & EQUIPMENT	855	1,441
LABTY EQUIPMENT	7,660	15,361	LIGHT & HEAT	10,327	10,644
X RAY FILM & SUPPLIES	8,255	7,135	JANITOR SUPPLIES	3,500	3,298
POLIO & FLU VACC & FEES	2,300	4,177	RENTAL ANNEXES STA'S	15,826	15,324
TELEPHONE SERVICE	10,620	9,454	PRINTING & STATIONERY	7,518	13,348
POSTAGE	4,276	4,298	MISC'L	--	1,701

TOTALS -- 151,125 175,554\*\*

\*\*INC. EMERG. APPROPRIAS.

## RECEIPTS

NOTE: THESE RECEIPTS ARE DEPOSITED WITH CITY AS MISCELL RECEIPTS AND ARE NOT REFLECTED IN OUR BUDGET.

PERMITS CHICKEN, ANIMAL ETC	\$955.60
LICENSES: ICE WAGONS	135.00
ICE BERS --	1220.00
REFUSE TRUCKS	104.00
LUK-STORES & DEL --	4382.00
MEAT PLANTS	3750.00
INSPECTION FEES --	9.00
LAR FEES -OUT-OF-TOWN EXAMINATIONS	576.00
MED SOC WORK FEES	112.50
BOTTLE SALES --	339.63
STATE REFUND - POLIO COSTS --	1459.21
TELEPHONE CALLS PAID FOR	31.26
SALE OF DAIRY SCORE PADS --	32.96
RECEIPTS FOR VACCINE INJECTIONS	2284.70
FIRE INSURANCE COLLECTED DENTAL	35.20
SALE OF JUNK	55.22
TOTAL RECEIPTS	15,482.45

## DAIRY INSPECTION ACCOUNT

A SEPARATE "DAIRY INSPECTION ACCOUNT" IS KEPT FOR COSTS OF OUT-OF-TOWN INSPECTIONS. DEALERS PAY SUCH COSTS AS TRAVEL, HOTEL, MEALS, ETC. THEY MAINTAIN A BALANCE AT ALL TIMES  
EXPENDED 1957--\$20,708.18; 1956 \$21,809  
BALANCE ON HAND 1/1/58--\$12,663.81

## DOG CONTROL ACCOUNT

ANOTHER SEPARATE "DOG CONTROL ACCOUNT" IS KEPT FOR DOG LICENSE RECEIPTS MAINTAINS THE FUND WHICH PAYS ALL COSTS EXCEPT SALARIES FOR DOG TRUCKS, RABIES VACCINATION FEES, EQUIPMENT, ETC.

## RECEIPTS

## DISBURSED

11,869 DOG LIC	\$28311	STATE FEES	\$2966
11 PET SHOP "	110	SHELTER RENT	11200
6 KENNEL "	75	VACC. FEES	2627
FELB DOGS REDEEMED		LIC TAGS	375
	1430	LISC'L	555
TOTAL	28311		18723

\*\$5000 BEING RESERVED FOR NEW DOG TRUCK.





# MORTALITY TRENDS FOR 50 YEARS

YEAR	POPULATION 1000'S	CRUDE DEATHS	CRUDE DEATH RATE PER 1000	RATES PER 100,000		DIPH- THERIA
				SCARLET FEVER	TYPHOID FEVER	
1907	300	5,724	19.08	13.7	23.0	3.7
1908	305	5,207	17.07	23.2	11.5	21.4
1909	311	5,529	17.77	22.5	12.5	38.4
1910	347	5,764	16.64	11.2	12.7	29.9
1911	352	5,337	15.16	5.0	10.5	21.0
1912	370	5,423	14.65	3.0	7.0	24.6
1913	380	5,562	14.63	6.9	7.9	28.0
1914	395	5,809	14.70	6.8	6.6	0.4
1915	375	5,382	14.30	1.6	2.9	13.1
1916	385	6,357	16.50	1.8	6.0	14.8
1917	405	6,205	15.30	0.7	4.2	12.3
1918	430	8,483	19.72	2.6	3.5	9.1
1919	440	5,534	12.57	2.7	2.0	11.3
1920	414	5,551	13.40	2.9	1.9	14.9
1921	425	4,774	11.24	5.9	2.8	10.4
1922	432	5,209	12.06	3.5	2.8	16.9
1923	439	5,221	11.67	1.1	2.5	7.7
1924	446	5,004	11.22	1.8	2.7	8.7
1925	453	5,310	11.67	2.0	1.1	9.3
1926	460	5,450	11.85	1.3	1.5	4.6
1927	467	5,086	10.90	2.6	1.3	13.3
1928	474	5,512	11.63	1.3	1.0	20.0
1929	480	5,632	11.74	0.8	0.6	20.0
1930	440	5,239	11.92	0.7	0.2	10.9
1931	445	5,073	11.40	2.0	4.5	3.6
1932	450	4,682	10.40	0.7	0.9	0.5
1933	452	4,930	10.91	0.9	0.5	0.2
1934	454	4,764	10.49	0.4	0.2	0.2
1935	455	4,936	10.96	0.2	0.0	0.2
1936	457	5,331	11.68	1.5	0.2	NONE
1937	458	5,061	11.00	0.2	0.0	0.2
1938	458	4,970	10.85	0.2	0.4	0.2
1939	459	4,855	10.58	0.9	0.9	0.2
1940	429	5,025	11.71	NONE	NONE	NONE
1941	429	5,127	11.62	NONE	NONE	NONE
1942	429	5,256	11.86	0.2	NONE	NONE
1943	440	5,702	12.55	0.2	NONE	0.2
1944	440	5,201	11.88	0.2	NONE	NONE
1945	443	5,292	11.60	0.2	0.4	NONE
1946	443	4,937	11.14	NONE	NONE	NONE
1947	445	5,097	11.54	NONE	NONE	NONE
1948	445	5,087	11.43	NONE	NONE	NONE
1949	443	4,989	11.25	NONE	NONE	NONE
1950	443	5,126	11.57	NONE	NONE	NONE
1951	443	5,161	11.46	NONE	NONE	NONE
1952	440	5,411	12.14	0.2	NONE	NONE
1953	440	5,387	12.18	NONE	NONE	NONE
1954	443	5,089	11.49	NONE	NONE	NONE
1955	443	5,192	11.74	NONE	NONE	NONE
1956	443	5,041	11.38	NONE	NONE	NONE
1957	447	5,196	11.65	NONE	NONE	NONE



# OTHER INTERESTING HEALTH TRENDS 1918-1957

## PER ANNUAL RATES TO 1938

YEAR	DEATHS UNDER 1 YR.	INFANT MORTAL- TY**	BIRTHS	BIRTH RATE	DIARR. DEATHS UNDER 5	T.B. DEATHS*	T.B. OTH. RATE	DIPH- THERIA DEATHS	TYPH DEATHS	BRIGHT'S DIS. DEATHS	ORG. HEART DEATHS
1918	1215	104.7	11,575	27.0	331	798	185.6	82	15	629	692
1920	994	84.7	11,734	28.3	244	540	132.4	62	8	507	492
1922	825	74.8	10,993	25.4	167	428	99.1	73	12	346	640
1924	746	65.2	11,449	25.7	132	392	87.9	39	12	399	729
1926	753	71.9	10,460	22.7	128	421	91.5	21	7	391	948
1928	626	63.8	9,802	27.7	78	412	86.9	95	5	298	1002
1930	512	52.3	9,784	22.2	45	445	101.0	48	1	244	1005
1932	371	42.3	8,746	19.4	16	360	80.0	2	4	242	958
1934	342	45.2	7,565	16.7	23	317	69.8	1	1	227	1082
1936	332	45.9	7,236	15.8	16	346	75.7	0	1	214	1162
1938	310	39.1	7,936	17.3	12	287	62.7	1	2	149	1201
1939	303	38.1	7,950	17.3	20	277	60.3	1	4	154	1240
1940	300	35.1	8,538	19.9	14	309	71.9	0	0	184	1360
1941	318	32.6	9,765	22.8	13	274	63.9	0	0	222	1530
1942	352	29.3	12,016	28.0	12	288	66.1	0	0	223	1756
1943	367	30.9	11,856	26.9	15	294	66.8	1	0	276	1975
1944	375	34.7	10,792	24.5	23	257	58.4	0	0	271	1744
1945	390	34.7	11,254	25.4	10	247	55.8	0	2	274	1764
1946	416	30.9	13,427	30.3	9	261	59.0	0	0	245	1663
1947	429	29.2	14,710	33.1	13	259	58.2	0	0	281	1724
1948	388	28.3	13,703	30.8	2	232	52.1	0	0	276	1804
1949	383	29.0	13,479	30.3	11	211	47.6	0	0	249	1728
1950	357	27.1	13,174	29.7	8	209	42.2	0	0	246	1862
1951	379	27.0	14,020	31.6	2	169	38.1	0	0	259	1805
1952	405	29.0	13,968	31.7	6	152	34.5	0	0	238	1857
1953	364	25.8	14,116	32.1	6	97	22.0	0	0	241	1963
1954	412	28.6	14,404	32.5	12	68	15.3	0	0	213	1936
1955	426	29.7	14,349	32.4	13	68	15.3	0	0	222	2018
1956	448	30.7	14,605	32.9	2	72	16.2	0	0	190	1921
1957	443	30.1	10,463	32.9	5	72	16.1	0	0	218	2042

\*INCLUDES NEWARK RESIDENTS WHO DIED OUT-OF-TOWN

\*\*FOR NEO-NATAL RATE SEE (OTHER WORTHY TRENDS).

## 1957 DEATHS FROM SELECTED CAUSES BY AGE (% OF TOTAL FOR CAUSE)

CAUSE OF DEATH	TOTAL	UNDER 5	%	5-24	%	25-44	%	45-64	%	OVER 65	%
TOTAL (ALL CAUSES)	5296	492	9.3	84	.7	198	3.7	1776	32.6	2446	46.4
PNEUM. & OTHER RESP	391	59	15.0	11	2.8	37	9.5	1	28.6	7	41.2
T.B. ALL FORMS	72	3	4.1	5	7.0	24	33.3	25	34.7	15	20.8
BRIGHT'S DISEASE	218	3	1.3	7	3.2	25	11.5	71	31.0	109	51.0
CANCER	762	1	0.1	9	1.2	57	7.4	343	45.1	35	4.1
COLIC & A.I.	457	1	0.2	4	0.7	52	9.3	78	17.8	322	57.8
ORGANIC HEART DISE.	2042	7	0.3	4	0.2	119	5.8	746	36.5	1146	57.1
ACCIDENTS	189	15	7.9	15	7.9	34	18.0	45	23.8	80	42.3



TOTAL DEATHS BY AGE GROUPS 1918 - 1957

YEAR	TOTAL DEATHS	UNDER 1 YR.	1 AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	15-24	25-44	45-64	OVER 65
1918	8484	1215	433	434	2082	314	780	2308	1754	1845
1919	5534	862	190	186	1238	249	345	1204	1376	1122
1920	5511	994	253	192	1439	220	327	1041	1379	1145
1921	4776	837	136	134	1107	194	248	910	1256	1061
1922	5289	822	198	166	1186	232	268	925	1414	1184
1923	5288	756	163	136	1055	196	305	872	1303	1290
1924	5118	746	130	139	1015	199	268	975	1470	1184
1925	5443	746	132	144	1022	206	273	1018	1640	1288
1926	5604	753	187	158	1098	196	277	1015	1618	1443
1927	5296	636	109	112	857	210	277	974	1724	1254
1928	5730	626	156	186	968	245	304	1002	1734	1422
1929	5887	594	104	152	850	192	308	1162	1768	1577
1930	5487	512	83	119	714	188	327	1037	1788	1393
1931	5346	490	64	98	652	172	252	1025	1747	1458
1932	4830	371	44	73	485	128	228	890	1677	1442
1933	5128	356	68	96	520	141	215	914	1775	1563
1934	4921	342	54	54	450	117	192	824	1779	1559
1935	4996	417	46	60	523	117	190	864	1788	1514
1936	5331	332	45	45	422	116	208	861	1892	1832
1937	5256	287	51	61	400	115	202	812	1877	1850
1938	5116	318	29	45	384	86	179	751	1845	1871
1939	5005	303	23	24	350	97	168	704	1777	1909
1940	5207	300	26	33	359	55	168	703	1934	1988
1941	5127	318	30	34	382	62	138	639	1948	1958
1942	5256	352	25	36	413	50	151	682	1935	2025
1943	5702	367	24	44	435	66	148	660	2074	2313
1944	5201	373	24	29	426	67	113	618	1904	2071
1945	5292	390	34	31	445	73	124	564	1935	2151
1946	5078	416	14	31	461	51	112	561	2010	2083
1947	5238	429	24	33	486	32	98	591	1898	2153
1948	5222	388	22	21	431	29	73	502	1949	2237
1949	5086	389	22	28	439	33	86	472	1825	2231
1950	5209	357	22	24	403	25	84	515	1926	2254
1951	5161	379	19	29	427	38	56	495	1855	2290
1952	5411	403	15	28	448	57	61	538	1956	2372
1953	5387	364	24	33	421	39	55	493	1906	2473
1954	5089	412	22	29	465	24	46	456	1788	2309
1955	5192	426	27	29	482	33	54	460	1768	2395
1956	5041	448	17	23	490	42	62	417	1672	2358
1957	5296	443	22	27	492	34	50	498	1776	2446

NOTE: TOTAL DEATHS INCLUDES ALL DEATHS IN NEWARK, BOTH RESIDENT AND NON-RESIDENT, AS WELL AS DEATHS OF NEWARKERS AT OUT-OF-TOWN INSTITUTIONS.



DEATHS AND DEATH RATES - BY CAUSE - A - LOR - 1956-1957

	1957				1956			
	DATE	DEATHS	RATE	DEATHS	DATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	11.8	5296	11.4	5041	12.3	1105	10.8	921
SEPTICEMIA	9.9	19	2.7	12	9.4	3	4.7	4
PERITONITIS	8.5	38	5.6	25	10.2	9	3.5	3
LEUKEMIA	7.8	15	7.7	34	3.4	3	5.9	5
PULM. EMB. - INFARCTION	12.1	54	12.6	56	8.0	7	10.6	9
INFANTILE PARALYSIS	0	0	0	0	0	0	0	0
TYPHOID FEVER	0	0	0	0	0	0	0	0
CRYS. POL. AB.	0	0	0	0	0	0	0	0
MEASLES	0	0	0	0	0	0	0	0
TETANUS	0	0	0	0	0	0	0	0
SCARLET FEVER	0	0	0	0	0	0	0	0
DIPHTHERIA	0	0	0	0	0	0	0	0
WHOOPING COUGH	0	0	0	0	0	0	0	0
INFLUENZA	0.4	2	0.2	1	1.1	1	0	0
EPIDEMIC MENINGITIS	0	2	0.5	2	0	0	0	0
OTHER EPID. DISEASES	0	0	0.1	1	0	0	1.2	1
TUBERCULOSIS (LUNG)	14.1	63	13.6	60	14.6	41	34.1	29
" MENING.	4.9	4	1.8	8	3.4	3	5.9	5
" OTHER FORMS	1.1	5	0.9	4	3.4	3	1.2	1
CANCER - MALIGNANT TUMOR	170.4	762	159.4	706	99.8	89	100.	85
SIMPLE MENINGITIS	2.7	11	1.6	7	6.2	6	3.5	3
APoplexy - Soft. of Brain	124.6	557	122.4	542	126.	124	110.6	94
ORGAN OF HEART	452.3	2042	433.6	1921	349.	314	290.6	247
LOBAR PNEUMONIA	12.8	57	11.1	50	23.5	22	15.3	13
BRONCHO PNEUMONIA	35.6	159	28.2	125	62.0	56	14.1	12
OTHER RESPIRATORY	38.3	170	35.7	158	33.5	31	18.9	16
DIB. OF STOMACH	7.8	35	6.3	28	3.5	4	4.7	4
DIARRHEA (UNDER 5 YRS)	1.1	5	.7	3	3.5	4	2.3	2
APPENDICITIS & TYPHLITIS	.4	2	.7	3	0	0	1.2	1
HERNIA & INTEST. OBSTRUCTION	7.7	41	7.7	34	0	0	8.2	7
CIRRHOSIS OF LIVER	16.8	75	18.7	89	12.2	11	14.1	12
BRIGHT'S D. & NEPHRITIS	48.8	218	42.9	190	59.	53	40.1	34
DIB. OF WOMEN (NOT CANCER)	.2	1	.2	1	0	0	1.2	1
PUERPERAL SEPTICEMIA	0	0	0	0	0	0	0	0
OTHER PUERPERAL DISEASES	1.1	5	.7	3	3.4	3	2.3	2
CONGENITAL DEF. & MALF.	81.7	365	82.3	387	170.5	154	189.7	156
OLD AGE	.9	4	1.6	7	0	0	1.2	1
ACCIDENTS	42.9	189	44.	195	56.5	51	65.9	56
HOMICIDE	8.9	40	6.1	27	30.	27	16.5	14
SUICIDE	6.5	29	8.8	39	8.9	8	5.9	5
ILL-DEFINED CAUSES	12.3	55	11.5	51	28.9	26	26.5	17
ALL OTHER CAUSES	48.5	217	61.9	275	41.	37	63.5	54

NOTE: MORTAL RATE BASED ON 85,000 POPULATION IN 1956. NO 9,000 IN 1957.

NOTE: ABSENCE OF CONTAGIOUS DISEASES AS CAUSE OF DEATHS.





DEATHS BY SPECIAL CAUSES 1948 TO 1957

	<u>1957</u>	<u>1956</u>	<u>1955</u>	<u>1954</u>	<u>1953</u>	<u>1952</u>	<u>1951</u>	<u>1950</u>	<u>1949</u>	<u>1948</u>
TOTAL - ALL CAUSES	5296	5048	5192	5089	5307	5411	5161	5263	5086	5292
SEPTICAEMIA **	15	12								
PERITONITIS **	38	25								
LEUKEMIA **	35	34								
PULM. EMBOLISM & INFARCT. **	54	56								
INFANTILE PARALYSIS	0	0	3	2	0	3	1	4	5	2
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0
<del>ENTERIC</del>	0	0	0	0	0	0	0	0	0	1
MEASLES	6	0	0	1	0	1	0	0	0	1
<del>ENTERIC</del>	0	0	0	0	0	0	0	0	0	2
SCARLET FEVER	0	0	0	0	0	1	0	0	0	0
DIPHTHERIA	0	0	0	0	0	0	0	0	0	0
WHOOPING COUGH	0	0	0	0	0	1	0	0	0	0
INFLUENZA	2	1	0	1	5	2	3	1	0	4
EPID. MENINGITIS CER. SPIN.	2	2	5	1	1	2	2	0	4	2
OTHER EPIDEMIC DISEASES	0	1	0	0	0	0	0	0	0	0
TUBERCULOSIS (LUNGS)	63	60	38	39	38	134	142	184	188	214
" MENINGIT.	4	8	2	5	12	8	12	7	10	8
" OTHER FORMS	5	4	8	4	7	10	15	18	13	10
CANCER & MALIG. TUMOR	762	706	743	783	820	789	795	791	795	780
SIMPLE MENINGITIS	11	7	11	12	10	10	8	11	6	8
APOPLEXY-SOFT. BRAIN	557	542	398	424	493	494	393	428	478	485
ORGANIC HEART DISEASE	2042	1921	2018	1936	1963	1897	1805	1862	1725	1804
LOBAR PNEUMONIA	57	50	97	35	46	61	53	75	57	55
BRONCHO PNEUMONIA	159	123	93	91	77	87	70	88	94	78
OTHER RESPIRATORY	170	158	178	104	105	138	121	106	107	113
DISEASES OF STOMACH	35	28	46	34	32	31	42	22	42	33
DIARRHEA UNDER 5 YRS	5	3	13	12	6	6	2	8	11	2
APPENDIC. & TYPHILITIS	2	3	4	6	7	13	6	6	19	7
HERNIA & INTEST. OBSTR.	41	34	33	50	42	56	41	31	40	36
CIRRHOSIS OF LIVER	75	83	81	83	94	70	69	71	59	77
BRIGHT'S DIS. & NEPHRITIS	218	190	222	213	241	238	259	246	249	276
DIB. OF WOMEN (NOT CANCER)	1	1	-	3	2	1	1	2	1	4
PURPERAL SEPTICAEMIA	0	0	0	0	0	1	0	0	1	0
OTHER PURP. DISEASES	5	3	6	13	10	15	7	10	14	10
CONG. DEF. & MALF.	365	387	359	323	399	317	322	293	301	317
OLD AGE	4	7	3	3	1	6	8	19	6	17
ACCIDENTS	189	195	180	180	228	226	191	194	174	212
HOMICIDES	40	27	30	41	32	34	26	19	28	29
SUICIDES	29	39	34	30	41	32	39	59	46	54
ILL DEFINED	55	51	37	57	65	53	64	60	36	44
ALL OTHER CAUSES	<u>217</u>	<u>275</u>	<u>270</u>	<u>242</u>	<u>662</u>	<u>216</u>	<u>658</u>	<u>598</u>	<u>573</u>	<u>536</u>
CRUDE DEATH RATE PER M	11.0	11.4	11.7	11.5	12.2	12.1	11.5	11.6	11.2	11.4



DEATHS UNDER ONE YEAR BY CAUSES OF DEATH 1918-1957 (ALTERNATE YEARS)

YEAR	MEAS- LES	BROU- CHITIS	PNEU- MONIA	MENIN- GITIS	DIAR- RHEA	OTHER CONT. DISEASES	CONG. DEF. PREMATURE,	ALL OTHER	TOTAL
1918	33	84	156	30	273	83	442	112	1213
1920	16	57	143	19	191	66	402	100	994
1922	14	44	128	11	153	22	352	98	822
1924	4	38	106	17	115	24	356	86	746
1926	17	18	142	5	102	16	383	70	753
1928	11	8	97	12	68	19	356	55	626
1930	4	9	95	10	33	10	278	73	512
1932	0	2	67	5	13	12	292	40	371
1934	0	2	52	5	23	2	221	37	342
1936	0	5	51	10	13	9	202	42	332
1938	0	3	40	3	10	10	211	33	310
1940	0	1	26	1	14	0	223	32	300
1942	2	1	41	3	8	2	260	35	352
1944	0	1	43	8	23	3	275	22	375
1946	0	0	41	3	3	4	330	32	416
1948	0	0	26	1	2	1	315	43	388
1950	0	2	28	1	8	0	288	30	357
1952	0	6	32	5	4	0	316	42	405
1954	0	2	29	6	11	0	321	43	412
1956	0	0	31	5	1	10	382	19	428
1957	0	2	42	7	5	0	364	23	443

INFANT MORTALITY RATES (1ST DAY-1ST MONTH-1 YEAR ETC)

YEAR	UNDER 1 DAY	NEXT 7 DAYS	UNDER 1 WEEK	OVER 1 WK. UNDER 1 MO.	UNDER 1 MO. (NEO-NATAL)	OVER 1 MO. UNDER 1 YEAR (POST NEO-NATAL)	UNDER 1 YEAR
1914	11.9	9.5	21.1	5.8	27.2	18.0	45.2
1937	9.7	6.7	16.3	5.5	21.8	15.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.7	18.6	3.4	21.9	7.1	29.0
1950	8.7	9.7	18.4	3.3	21.8	5.3	27.1
1951	10.4	8.7	19.1	2.6	21.8	5.3	27.0
1952	9.1	9.3	18.4	4.0	22.4	6.6	29.0
1953	8.1	9.9	18.1	2.8	20.8	5.0	25.8
1954	11.2	7.2	18.3	3.2	21.5	7.1	28.6
1955	12.8	7.6	20.4	2.6	22.9	6.8	29.7
1956	11.3	8.6	19.9	3.2	23.1	7.5	30.7
1957	11.1	8.6	19.7	3.0	22.7	7.4	30.1
1914**	*	*	*	*	36.9	59.9	96.8

\*\*1914 ADDED AS INTERESTING COMPARISON WITH 1957.

\*RATES UNDER 1 WEEK NOT AVAILABLE PRIOR TO 1934.

INFANT MORTALITY DATA BY RACE & COLOR 1957

WARD	TOTAL BIRTHS	COL. BIRTHS	% OF TOTAL BIRTHS COL.	TOTAL DEATHS UNDER 1 YEAR	INFANT MORTALITY
NORTH	1,769	286	16 %	54	30.0
EAST	1,857	703	37 %	71	38.9
WEST	1,452	468	32 %	49	33.8
SOUTH	1,723	793	46 %	60	34.8
CENTRAL	2,442	1,914	78 %	106	43.4
NON. RES.	5,414	255	5 %	103	19.1
TOTAL	14,697	4,419	30 %	443	30.1



# INFANT MORTALITY BY COLOR

YEAR	WHITE INF. MORT.	COLOR INF. MORT.	WHITE POST NEO-NAT*	COLOR POST NEO-NAT*	WHITE NEO-NAT**	COLOR NEO-NAT**
1920	81.0	162.4	43.6	96.0	37.4	66.4
1925	61.0	125.1	33.8	89.9	27.2	65.2
1929	49.8	138.7	23.2	70.3	26.6	68.4
1933	39.1	91.1	17.2	42.8	21.9	48.3
1937	34.5	61.5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	18.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	41.1
1943	27.6	59.6	6.3	31.4	20.7	28.3
1945	31.7	54.6	17.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	45.7
1951	21.6	42.1	4.0	10.3	19.6	31.3
1952	22.3	57.6	4.8	14.3	17.5	43.3
1953	21.9	47.8	4.1	8.2	17.9	32.6
1954	22.4	45.9	5.3	13.2	18.3	32.7
1955	23.7	47.4	6.2	14.3	19.5	33.1
1956	24.5	47.0	7.2	11.7	18.6	35.3
1957	24.0	47.6	6.4	12.2	18.6	32.4

\*POST NEONATAL IS OVER 1 MO. BUT UNDER 1 YEAR \*\*NEONATAL IS UNDER 1 MONTH

\* \* \*

BIRTHS--ATTENDANT & PLACE OF DELIVERY      STILLBIRTHS & MATERNAL DEATHS  
(EVERY 4TH YEAR UNTIL 1950      ANNUALLY 1950-1957)  
SHOW IN TRENDING TRENDS

YEAR	POP.	HOSP TAL DELIV LIES	HOME DELIVERIES PHYS. MIDWIFE	NO ATTENDANT	PER CENT DEL. IN HOSPITALS
1925	1,240	1,240	4,240 5,414	3	11.8
27	1,240	4,955	2,709 2,338	0	49.7
29	1,812	6,056	1,047 515	0	79.5
33	1,950	7,315	401 234	0	92.0
37	1,986	3,978	432 194	0	94.7
41	2,710	5,206	14,459 211	80	98.0
1950	1,174	4,977	12,900 171	34	98.4
51	14,020	5,701	13,800 133	37	98.8
52	13,968	5,683	13,780 161	26	98.7
53	14,116	5,570	13,960 133	22	98.9
54	14,404	5,700	14,114 135	23	98.9
55	14,343	5,439	14,181 141	21	98.9
56	14,605	5,636	14,421 160	19	98.8
1957	14,697	5,414	14,488 134	15	98.5

YEAR	PERC. DEATHS	MAT. MORT. PER 1,000 DEL.	BIRTHS	STILL BIRTHS	STILL BIRTHS PER 1,000 DEL.
1918	53	4.5	11,601	595	44.1
1922	58	5.2	10,133	412	37.6
1926	71	4.5	10,420	457	40.1
1930	67	4.6	10,824	367	36.0
1934	11	5.2	10,565	256	32.7
1938	23	2.8	7,936	247	29.8
1942	22	1.8	12,016	301	24.4
1946	16	1.2	15,427	322	23.4
1950	12	.9	13,174	264	20.9
1951	17	.5	14,020	313	21.5
1952	16	1.1	13,968	264	18.5
1953	13	.7	14,116	330	22.9
1954	13	.9	14,404	266	18.1
1955	6	.4	14,315	310	21.2
1956	3	.2	14,605	311	21.0
1957	5	.3	14,697	283	18.9



SANITARY BUREAU

EDWARD A. SMITH, SUPERVISING CHIEF SANITARY INSPECTOR

ALTHOUGH THE MAJOR PORTION OF OUR SANITARY BUREAU WHICH COVERED BLUM CLEARANCE OF RESIDENCE REHABILITATION, WAS TRANSFERRED DURING 1954 TO THE CITY DIVISION OF INSPECTIONS THE HEALTH DIVISION MAINTAINS A STAFF OF TEN INSPECTORS, MOSTLY MOTORIZED TO INVESTIGATE SANITARY COMPLAINTS AND TO INSURE SANITARY CONDITIONS BY ENFORCEMENT OF THE SANITARY CODE.

THIS GROUP ALSO REGULATES RODENT AND VERMIN EXTERMINATION AND SUPERVISES FUMIGATION WITH DANGEROUS GASES.

<u>SANITATION</u>	HEARINGS HELD (NO. OF CASES)	181	NUISANCES CONFIRMED	9,405
	CASES PROSECUTED	404	NOTICES SERVED	9,262
	CONVICTIONS	371	ABATEMENTS	8,331
	TOTAL INSPECTIONS	35,824		
	COMPLAINTS INVESTIGATED	7,076	INVESTIGATION OF 852 COMPLAINTS PROVED TO BE UNJUSTIFIED.	

THE NUISANCES CONFIRMED INCLUDED HUNDREDS OF DIFFERENT CONDITIONS. THE LARGEST IN NUMBER WERE THE FOLLOWING:

HEAT (INSUFFICIENT OR DEFECTIVE EQUIPMENT)	802	DOG-CAT CONDITIONS-BARKING FILTH, ODORS, ETC.	1,459
INSANITARY HOUSEKEEPING	220	DEFECTIVE WALLS-CEILINGS, &C	835
OVERCROWDING (INSUF. AIRSPACE)	177	RODENT & VERMIN INFEST.	507
ACCUMULATIONS (GARBAGE-REFUSE)	1,330	WEEDS	65
GARBAGE CANS (INSUF. IMPROPER)	653	CELLAR SLEEPING	53
SEWAGE-ACCUMULATIONS, ETC	69		

LICENSE & PERMITS AFTER INSPECTION AND APPROVAL, FOLLOWING PERMITS WERE GRANTED:

ICE TRUCKS	49	REFUSE TRUCKS	21
KEEPING FOWL	104	ANIMAL PERMITS	1

FUMIGATION CONTROL EXTERMINATION AND OTHER PROCEDURES BY USE OF DANGEROUS GAS IS LIMITED TO LICENSED FUMIGATORS WHO MUST PASS A WRITTEN EXAMINATION. EVERY FUMIGATION IS THEN SUPERVISED. WORK ALSO INCLUDES RODENT AND VERMIN INVESTIGATION.

RUMMAGE SALE FUMIGATIONS	113	STRUCTURE DEMOLITIONS	913
FABORY & BREWERY FUMIG.	37	CITY & PRIVATE DUMP. INSP.	3
VAULTS FUMIGATIONS	36	TOTAL SUCH INSPECTIONS	316
FREIGHT CARS FUMIGATIONS	11		

RABIES CONTROL THE SAME GROUP OF INSPECTORS INVESTIGATES ALL ANIMAL BITES (WHICH MUST BE REPORTED), AND QUARANTINE THE BITING ANIMALS FOR TEN DAYS. IF ANIMAL S WELL AT END OF THAT QUARANTINE, IT IS RELEASED AND IT PROVES THE ANIMAL DID NOT HAVE RABIES IN THE INFECTIOUS STAGE AT TIME OF BITING. THE BITTEN PERSON IN THAT CASE DOES NOT NEED THE PASTEUR TREATMENTS (WHICH WE PROVIDE FREE FOR NEWARK RESIDENTS WHEN ANIMAL HAS BEEN FOUND TO BE RABIES INFECTED).

DURING THE YEAR, 2,123 BITES WERE INVESTIGATED (2,026 DOGS, 41 CATS, 56 OTHER ANIMALS). NO BITING ANIMAL PROVED POSITIVE FOR RABIES AND ONLY TWO PERSONS WERE GIVEN THE PASTEUR TREATMENT, AND BOTH WERE IN 1957.

BEGINNING IN 1958, THE INSPECTORS OF THIS BUREAU ARE MAKING INVESTIGATIONS OF ALL HOTELS IN THE CITY FOR APPROVAL OF THEIR APPLICATIONS FOR CERTIFICATES OF REGISTRATION.





# DOG CONTROL (LICENSING - STRAY DOG CONTROL, ETC.)

LAWRENCE ROGERS, SUPERVISOR OF DOG CONTROL

PRIOR TO 1954 THE PICKING UP OF STRAY DOGS (ALL DOGS IN PUBLIC MUST BE ON A LEASH) WAS CARRIED OUT BY THE HUMANE SOCIETY. IN 1954, THIS ARRANGEMENT WAS CHANGED AND GREATLY IMPROVED. THE HEALTH DIVISION SECURED TWO DOG AMBULANCES OF ITS OWN OPERATED BY FOUR DOG GARDENS (DOG CATCHERS). THE HUMANE SOCIETY IS PAID APPROXIMATELY \$11,000 PER YEAR TO SUPPLY HOUSING AND FEEDING FOR ALL ANIMALS PICKED UP BY US OR BROUGHT BY OWNERS TO BE DISPOSED OF, ETC.

THE SHELTER CONTRACT, AS WELL AS THE COST OF TRUCKS, EQUIPMENT AND ALL EXPENSES OTHER THAN SALARIES ARE MORE THAN COVERED BY THE DOG LICENSE FEES (SEE FINANCIAL REPORT PAGE).

DOG LICENSES ISSUED \$2.25 EACH	11,869
"SEEING EYE" DOG LICENSES (FREE)	4
PET SHOPS LICENSED	11
KENNEL LICENSES	6
DOGS REDEEMED BY OWNERS	754

THE CITY PAYS THE STATE 25¢ OUT OF EACH LICENSE FEE AND THE STATE PROVIDES FREE RABIES VACCINE. THE CITY OFFERS FREE RABIES VACCINATION FOR EACH LICENSED DOG, AND PAYS THE VETERINARIANS SPECIAL LOW FEE OF \$1.00 FOR EACH VACCINATION. ONLY BY POPULARIZING THE ANNUAL VACCINATION OF DOGS, CAN WE FEEL CONFIDENT THAT OUR PRESENT FREEDOM FROM RABIES WILL CONTINUE. IT IS NOW 11 YEARS SINCE RABIES OCCURRED HERE BUT IN 1946 WE HAD 34 RABID DOGS, AND 21 PERSONS UNDERWENT PASTEUR TREATMENT. THE COMPULSORY LEASHING OF DOGS (ALL YEAR) WAS INVOKED AT THAT TIME. UNDER THE FREE VACCINATION ARRANGEMENT, 2,627 NEWARK DOGS WERE VACCINATED THIS YEAR. WE HOPE TO INCREASE THE NUMBER.

THE AMBULANCES DURING THE YEAR PICKED UP 3,555 UNLEASHED DOGS AND ALSO PICKED UP 2,643 STRAY CATS. OWNERS OF DOGS PICKED UP MAY REDEEM THEM FROM THE SHELTER UPON PAYMENT OF A SMALL FEE TO THE CITY. THE CITY SANITATION DEPARTMENT TRUCKS PICK UP DEAD ANIMALS AT THE SHELTER OR ON THE STREET. DOGS ARE DESTROYED IF NOT REDEEMED IN A REASONABLE TIME. THOSE TRUCKS PICKED UP 10,796 DEAD CATS AND 7,969 DEAD DOGS DURING THE YEAR.



FOOD AND DRUG BUREAU

JOSEPH L. CONNOLLY, ASST. HEALTH OFFICER

DAVID E. MORGAN, CHIEF INSPECTOR

MICHAEL J. CARSON, ASST. CHIEF INSPECTOR

THE FOOD AND DRUG BUREAU IS RESPONSIBLE FOR THE INSPECTION AND SUPERVISION OF THE HANDLING, PREPARATION, STORAGE, AND TRANSPORTATION OF ALL ARTICLES OF FOOD, DRUGS AND COSMETICS. IN CARRYING ON THIS WHOLE PROGRAM, IT IS THE RESPONSIBILITY OF THIS BUREAU TO SEE THAT ALL SUCH ARTICLES IN EVERY PHASE OF THEIR PREPARATION FOR SALE COMPLY WITH ALL FEDERAL, STATE LAWS AND REGULATIONS AND ALL LOCAL ORDINANCES.

A LARGE PART OF THIS PROGRAM INCLUDES OUR INSPECTIONAL WORK COVERING THE MILK AND MILK PRODUCTS SUPPLIED TO THIS CITY. THIS PROGRAM INCLUDES THE PERIODIC INSPECTION OF ALL SOURCES OF SUPPLIES AND THE DAIRIES SUPPLYING SAME WITH MILK THROUGHOUT OUR ENTIRE MILK SHED, WHICH INCLUDES BOTH IN STATE AND OUT-OF-STATE SUPPLIES. DURING THE PAST YEAR THE BUREAU HAS CARRIED ON AN EXCHANGE INSPECTION SYSTEM WITH THE NEW JERSEY STATE DEPARTMENT OF HEALTH AS WE HAVE FOR THE PAST SEVERAL YEARS. THIS EXCHANGE PROGRAM IS HELPFUL IN THAT IT IS TIME-  
SAVING, MORE ECONOMICAL AND PREVENTS DUPLICATION OF INSPECTIONAL WORK. THERE ARE SIX (6) INSPECTORS ASSIGNED EXCLUSIVELY TO THIS MILK INSPECTION PROGRAM.

THERE ARE THIRTEEN (13) INSPECTORS ASSIGNED TO CITY FOOD AND DRUG CONTROL WORK. THEIR DUTIES INCLUDE THE INSPECTION OF ALL FOOD, DRUG AND COSMETIC OPERATIONS. ALONG WITH THE INSPECTION OF SUCH ESTABLISHMENTS, THESE MEN CARRY ON A CONTINUOUS SAMPLING OF VARIOUS TYPES OF FOOD AND DRUGS FOR LABORATORY ANALYSIS TO DETERMINE COMPLIANCE WITH ALL THE REGULATIONS AND LEGAL REQUIREMENTS AND, IN MANY INSTANCES, TO DETERMINE THE FITNESS FOR USE AND TO DETERMINE ANY EVIDENCE OF ADULTERATION OR MISBRANDING. ANY SUCH SPECIMENS FOUND ADULTERATED OR UNFIT, ARE CONDEMNED AND DESTROYED. DURING THE PAST YEAR, THESE INSPECTORS CONDEMNED VAST AMOUNTS OF VARIOUS FOODS, DRUGS, ETC.; AS AN EXAMPLE, OUR INSPECTORS CONDEMNED APPROXIMATELY 100,000 POUNDS OF UNFIT MILK AND OTHER DAIRY PRODUCTS. A VERY IMPORTANT PART OF THIS WORK INCLUDES THE DAILY COLLECTION OF SWABS TAKEN FROM ALL TYPES OF EATING AND DRINKING UTENSILS TO DETERMINE THE EFFICIENCY WITH WHICH THEY HAD BEEN CLEANSED AND SANITIZED. APPROXIMATELY 1,000 SUCH SPECIMENS WERE COLLECTED DURING THE YEAR. THE RESULTS HAVE SHOWN A CONTINUOUS IMPROVEMENT IN THE CONDITIONS OF SUCH UTENSILS THROUGHOUT THE CITY.

THIS BUREAU USES THE STANDARDS, AS ESTABLISHED BY THE U. S. PUBLIC HEALTH SERVICE, TO DETERMINE THE RESULTS IN THIS WORK. IN CARRYING OUT OUR BUREAU PROGRAM, WE WORK IN CLOSE COOPERATION WITH THE U. S. FOOD AND DRUG ADMINISTRATION AND ALSO THE NEW JERSEY STATE DEPARTMENT OF HEALTH. THIS CLOSE COOPERATION HAS PROVED ADVANTAGEOUS BOTH TO OUR OWN BUREAU AND TO THE BUREAUS WITH WHICH WE COOPERATE. NATURALLY, THERE IS A CONSTANT CHANGE IN THE METHODS USED IN THE PREPARATION AND HANDLING OF ALL FOOD AND DRUG ARTICLES, AND THE EXCHANGE OF INFORMATION BETWEEN THE SEVERAL BUREAUS HAS PROVEN A GREAT HELP IN OUR PROGRAMS. AT THE PRESENT TIME, IN COOPERATION WITH THE STATE DEPARTMENT OF HEALTH, OUR BUREAU IS CONDUCTING A RESEARCH PROGRAM WITH REGARDS TO SHELLFISH, IN ORDER TO ARRIVE AT SOME UNIFORM DETERMINATION OF THE SIGNIFICANCE OF CERTAIN ORGANISMS THAT MAY BE PRESENT IN SUCH ARTICLES. DURING THE COMING YEAR, OUR PROGRAM INCLUDES THE CONTINUATION OF A COMPLETE FOOD AND DRUG CONTROL PROGRAM AND IS TO INCLUDE ANY NEW PHASE OF SUCH CONTROL WORK AS THE OCCASION MAY REQUIRE.

MILK AND DAIRY INSPECTIONS

<u>INSPECTIONS REPORT</u>	<u>INSPECTED</u>	<u>RE-INSPECTED</u>	<u>TOTAL</u>	<u>EXCLUDED</u>
PASTEURIZING PLANTS	214	5	219	0
RECEIVING PLANTS	277	6	283	0
DAIRIES	8,349	355	8,704	105
ICE CREAM PLANTS & COUNTER				
FREEZERS	194	10	194	2
<b>TOTALS</b>	<b>9,034</b>	<b>376</b>	<b>9,400</b>	<b>108</b>

<u>DAIRY PRODUCTS SAMPLING</u>	<u>BACTERIOLOGICAL</u>	<u>CHEMICAL</u>	<u>TOTAL</u>
MILK & CREAM SAMPLES	2,636	2,476	5,112
ICE CREAM, OTHER FROZEN CONFECTION	150	150	300



# FOOD AND DRUG BUREAU (CONTINUED)

## CITY INSPECTIONS

(TOTAL CITY INSPECTIONS - 14,604)

### WHERE FOOD IS PREPARED OR COOKED

	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	909	5,148
" IN TAVERNS	502	1,834
" CONFEG.	259	388
" DELICAT.	43	70
" DRUG STORES	24	65
BAKERIES	172	754
DELICATESSENS	43	271

### OTHER FOOD ESTABLISHMENTS

	PLACES	INSPECTIONS
CONFECTIONERIES	458	605
MISC. PLANTS	365	1,132
TAVERNS	435	1,406
GROCERIES	1,103	2,566
PRODUCE	229	239
DRUG STORES	124	126

NOTICES SERVED	2,895
NOTICES ABATED	2,299
COMPLAINTS INVESTIGATED	379
EMBARGO NOTICES SERVED	46
CASES TURNED IN FOR ACTION	28
SUSPECTED FOOD POISON INVESTIG.	14
HEARINGS ON VIOLATIONS	198

MISC. FOOD SAMPLES	134
UTENSIL SWAB SAMPLES	852
DIPPER WATER SAMPLES	110
MILK VENDING MACHINE LICENSES	99
MILK DEALERS LICENSES	408
MILK DEPOT LICENSES	8
STORE MILK LICENSES	499

## VETERINARY MEAT INSPECTION BUREAU

JOHN J. DEVINE, V.M.D. CHIEF VETERINARIAN

JOSEPH V. HEARL, CHIEF MEAT INSPECTOR

THIS BUREAU IS RESPONSIBLE FOR THE INSPECTION OF MEAT AND MEAT PRODUCTS, POULTRY AND FISH, AS TO WHOLESOMENESS AND FITNESS AS FOOD. WE INSPECT ABATTOIRS, MEAT PROCESSING AND POULTRY SLAUGHTERHOUSES, AND WHOLESALE AND RETAIL LUNCHROOMS, MEAT AND FISH TRUCKS AND LOADING PLATFORMS FOR POULTRY, AND MEAT AND FREIGHT CARS. IT INSPECTS ALL DELIVERIES OF MEAT, FISH AND POULTRY TO ALL CITY INSTITUTIONS. THIS WORK IS CARRIED OUT BY A STAFF OF TRAINED MEAT INSPECTORS AND VETERINARIANS WITH STATE LICENSES.

ALL DRESSED MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED UNDER U.S. MEAT INSPECTION SERVICE, OUR OWN VETERINARIANS OR MEAT INSPECTORS, AND VETERINARIANS OF COMMUNITIES WITH APPROVED ADEQUATE MEAT INSPECTION.

THE CITY OF NEWARK MEAT INSPECTION SERVICE IS IDENTIFIED WITH SOME FORTY-FIVE MEAT PROCESSING ESTABLISHMENTS LICENSED BY US.

A NEWARK MEAT INSPECTION LEGEND WITH IDENTIFYING NUMBER IS STAMPED ON ALL PRODUCTS PROCESSED IN THESE ESTABLISHMENTS. WHERE THE PRODUCTS ARE CHECKED FOR CONTROL OF TEMPERATURE, FORMULA COMPLIANCE, ADULTERATION OF MEAT, AND THE COMMUNITING, MIXING, DRYING, AND CURING, SMOKING OR COOKING OF PRODUCTS.

IN 1956, AN ORDINANCE WAS ADOPTED REQUIRING ALL POULTRY PROCESSING PLANTS MAKING DIRECT SALES INTO THE NEWARK MARKETING AREA, TO DEPOSIT MONEY IN A SPECIAL POULTRY INSPECTION FUND TO DEFRAY THE EXPENSE OF INSPECTORS VISITING THE SOURCES OF SLAUGHTERING AND DRESSING OF POULTRY PRODUCTS.

MUCH COOPERATION AND WORK HAS ALSO BEEN ACCOMPLISHED WITH TESTIMONY BEFORE U. S. SENATE COMMITTEES ON POULTRY INSPECTION, MEETINGS WITH U. S. DEPT. OF AGRICULTURE OFFICIALS, AND PROCESSORS IN AN ATTEMPT TO HELP CREATE A MANDATORY POULTRY INSPECTIONAL SERVICE IN THE UNITED STATES.

### TOTAL INSPECTIONS AND RE-INSPECTIONS 19,284

ABATTOIRS	202
WHOLESALE MEAT & DRESSED POULTRY INCLUDING LOADING PLATFORM	1,084
REFRIGERATION PLANTS	134
CITY INSTITUTIONS & ICE BOXES	370

WHOLESALE LIVE POULTRY	1,358
WHOLESALE FISH	216
PROVISION MFG. PLANTS	1,746
RETAIL ESTABLISHMENTS	4,173
OUT-OF-TOWN INSPECTIONS	126

CONDEMNATIONS INCLUDED 21,973 LBS. OF LIVE POULTRY AND 35,885 LBS. OF MEAT AND FISH PRODUCTS. APPROVED OVER 360,000 LBS. MEAT, POULTRY AND SEAFOOD IN OUR CITY INSTITUTIONS' INSPECTIONS.

SAMPLES TAKEN FOR ANALYSIS	354
COMPLAINTS INVESTIGATED	107
NOTICES SERVED	386
ABATEMENTS	261
COURT CASES (FINES \$3,235)	40

<u>LICENSE FEES</u>	
POULTRY SLAUGHTER HOUSES	\$ 850
MEAT JOBBERS	1,220
MEAT PLANTS	3,750



EMPHASIS ON PREVENTION (IMMUNIZATION)

IN LINE WITH MODERN PROCEDURE, THIS BUREAU HAS CONTINUED AN ACTIVE PREVENTIVE CAMPAIGN THIS YEAR. THE ASIATIC INFLUENZA OUTBREAK NATURALLY ADDED TO OUR EFFORTS. MANY CITY EMPLOYEES WERE IMMUNIZED AND, OF COURSE, THE NUMBER PROTECTED IN PRIVATE INSTITUTIONS, HOSPITALS, ETC., IS UNDETERMINATIVE. APPARENTLY, THE EFFORTS OF OUR HEALTH AGENCIES REDUCED THE INCIDENCE OF THIS DISEASE.

SALK IMMUNIZATIONS AGAINST POLIOHYELITIS HAS CONTINUED AND THE FIGURES ATTACHED SHOW WHAT HAS BEEN ACCOMPLISHED IN THIS FIELD. THIS YEAR AGAIN SHOWS A REDUCTION IN THE NUMBER OF CASES REPORTED AND THE FACT THAT NO DEATHS OCCURRED IN THIS THE SECOND YEAR IN A ROW, IS MOST GRATIFYING. WE HAVE WORKED IN COOPERATION WITH PARENT-TEACHER ASSOCIATIONS IN SETTING UP A WIDESPREAD ADULT IMMUNIZATION PROGRAM. IN ADDITION, THE POLICE AND FIRE DEPARTMENTS, AND ALL OTHER GROUPS OF CITY EMPLOYEES HAVE BEEN IMMUNIZED. THIS DIVISION HAS FURNISHED ALL THE ESSENTIAL SUPPLIES (SYRINGES, NEEDLES, ALCOHOL COTTON, STERILE GOODS, ETC) AS WELL AS PERSONNEL TO PERFORM THE IMMUNIZATIONS THROUGHOUT THESE AGENCIES. THE ADULTS IMMUNIZED PAID FOR THE VACCINE AT COST. SCHOOLS (PUBLIC, PAROCHIAL AND PRIVATE) BABY-KEEP-WELL STATIONS, HEALTH CLINICS, NURSERIES, ETC., HAVE PUSHED THE IMMUNIZATION WITH THE COOPERATION OF THIS BUREAU, SO THAT MANY OTHERS HAVE BEEN IMMUNIZED. IT IS OUR HOPE AND AIM THAT CONTINUAL PRESSURE ON THE SALK PROGRAM WILL EVENTUALLY RESULT IN THE IMMUNIZATION OF ALL OF OUR CITIZENS UNDER THE AGE OF 45, THUS WIPING OUT THIS DREAD DISEASE AS WE HAVE DONE WITH DIPHTHERIA AND SMALLPOX. FOLLOWING TABLE SHOWS 1957 INJECTIONS:

	1ST INJEC	2ND	3RD	TOTAL
PUBLIC SCHOOLS	6645	9667	19269	36249
PAROCHIAL SCHOOLS	1087	1273	8245	10605
VOCATIONAL SCHOOLS	660	617	-	1277
COLLEGE OF ENGINEER.	-	-	181	181
BABY STATIONS	2557	2410	3234	8201
HOSPITALS & NURSERIES	266	227	115	608
HEALTH CLINICS	636	607	488	1731
RUTGERS UNIVERSITY	359	28	132	519
PRUDENTIAL INS. CO.	681	654	675	2010
ADULTS	3242	3142	-	6384
TOTALS	16103	8625	33037	67765

DIPHTHERIA-WHOOPING COUGH-TETANUS IMMUNIZATIONS HAVE CONTINUED WITHOUT LET-UP IN THE USUAL MANNER. ATTENTION IS CALLED, WITH MUCH PRIDE TO THE FACT THAT NO DIPHTHERIA DEATH HAS OCCURRED SINCE 1944 AND THAT NO CASES OF NEWARK RESIDENTS HAVE OCCURRED SINCE 1949. WE DID HAVE TWO NON-RESIDENT CASES, ONE IN 1950 AND ONE IN 1952 (TRANSIENTS GOING THROUGH NEWARK). WHOOPING COUGH HAS SHOWN A DEFINITE

INCREASE IN THE NUMBER OF CASES, BUT THEY HAVE BEEN EXCEEDINGLY MILD IN CHARACTER AND OF RATHER SHORT DURATION.

VACCINATION AND RE-VACCINATION FOR SMALLPOX HAS PROCEEDED ACCORDING TO PLAN AND WILL CONTINUE. SHOULD SMALLPOX OCCUR IN THIS AND SURROUNDING COMMUNITIES, PERMANENT STATIONS ARE AVAILABLE THROUGHOUT THE CITY SO THAT NEWARK RESIDENTS CAN BE VACCINATED IN LARGE NUMBERS WITH A MINIMUM OF INCONVENIENCE. THIS WOULD ENABLE US TO CONTROL ANY SITUATION THAT MAY ARISE FROM THIS DISEASE. THIS IS FAR SUPERIOR TO THE OLD METHOD OF VACCINATING ON THE STREET, IN EMPTY STORES, HALLWAYS, ETC. THE FOLLOWING FIGURES ARE SELF-EXPLANATORY:

YEAR	WHOPPING COUGH INJEC.			DIPHTHERIA INJEC.		
	PRIV.	HEALTH		PRIV.	HEALTH	
	DOCTOR	CLINIC	TOTAL	DOCTOR	CLINIC	TOTAL
1943	1095	2819	3914	4593	3074	7667
1945	4542	3052	7594	6084	3052	9136
1947	6046	3324	9370	6787	3324	10110
1949	5656	3352	8967	5849	3352	9201
1951	3836	2202	6038	3838	2202	6040
1953	4886	3377	8263	4885	3377	8262
1954	5302	3629	8931	5302	3629	8931
1955	4179	3654	7833	4179	3654	7833
1956	3877	4112	7989	3879	4112	7991
1957	2022	3644	5666	2022	3644	5666
TETANUS (COMBINED WITH DIPHTH & WH. COUGH)						
1955	4011	3654	7665			
1956	3756	4112	7868			
1957	3644	1901	5545			

CULTURE STATIONS: STATIONS ARE MAINTAINED THROUGHOUT THE CITY FOR CONVENIENCE OF PHYSICIANS, WHERE SPECIMENS ARE DEPOSITED FOR COLLECTION EACH DAY BY A CULTURE COLLECTOR FOR PROMPT LABORATORY EXAMINATION AND REPORTS TO THE DOCTORS.

	VINC. CULT- ANG.	SPUT. TUBES	WASH- JARS	WASH- ERMS	NEIS- SER	TOTAL
COLLECTED	221	27	651	9916	1421	12336
OUTFITS						
DELIV.	71	164	791	11674	1636	14336

PREVALENCE: AS USUAL, CERTAIN DISEASES OCCURRED IN GREATER NUMBERS THIS YEAR AND OTHERS FELL OFF. SCARLET FEVER INCREASED TO 442 CASES AGAINST 216 FOR THE PRECEDING YEAR. ALTHOUGH AN INCREASE HAS OCCURRED, THE DISEASE IN RECENT YEARS HAS BEEN REMARKABLY MILD IN CHARACTER. FORMERLY CAUSING 19 DEATHS PER 1000 CASES WE HAVE HAD ONLY 1 DEATH IN 12 YEARS AMONG 3302 REPORTED CASES. MEASLES SHOWED THE USUAL ALTERNATE YEAR INCREASE WITH 6448 AGAINST 1379 FOR THE PRECEDING YEAR. ALL FORMS OF PNEUMONIA INCREASED THIS YEAR AND BEARS OUT THE WARNING THAT ALTHOUGH ANTI-BIOTICS ARE CURATIVE, THEY ARE NOT PREVENTIVE.





# MORBIDITY REPORT 1947-1957

DISEASE	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	11-YEAR NORMAL
DIPHTHERIA**	2	5	0	1	0	1	0	0	1	0		0
SCARLET FEVER**	433	345	482	112	135	206	204	142	87	216	142	206
TYPHOID FEVER	4	1	0	2	0	4	1	1	2	0	2	1
PARA TYPHOID	1	1	1	0	0	0	1	0	1	11	3	
TUBERCULOSIS	528	538	536	526	513	480	529	511	490	401	329	513
UNDULANT FEVER	1	3	1	3	1	0	0	0	0	1	0	1
TRICHINOSIS	4	7	3	0	1	2	0	0	0	2	3	2
LOBAR PNEUMONIA	502	452	458	423	351	268	188	171	02	145	193	268
BRONCHO PNEUM.	494	629	654	593	489	542	451	322	374	588	775	512
EPIDEMIC MENING.	21	10	8	9	11	0	18	8	12	8	14	10
INFANTILE PAR.**	17	31	99	49	22	29	34	49	62	9	7	31
WHOOPIING COUGH***	1373	288	486	761	296	218	258	237	169	84	10	258
MEASLES	454	6247	5782	2370	3536	11090	262	3434	8833	1377	6488	3536
ERYSIPELAS	40	28	24	25	9	27	11	6	5	9	6	11
VINC. ANGINA	1168	1194	1148	455	631	275	65	120	76	65	24	275
OPHTH. NEONAT.	46	45	62	5	5	2	2	3	9	10	2	5
PUERP. FEVER	2	0	1	0	0	0	0	0	0	0	0	0
DYSENTERY (AMB)	0	4	0	0	1	0	0	0	0	0	0	0
TETANUS	1	1	0	0	2	1	0	1	0	0	1	1
INFLUENZA	45	35	32	53	66	35	59	30	20	15	226	35
MALARIA	9	2	0	4	0	3	3	1	0	0	0	1
VIRUS PNEUMONIA*	48	58	58	76	60	25	30	29	29	34	47	47
STREP. SORE THROAT	24	20	18	6	2	6	0	4	1	3	4	4
EPILEPSY	46	48	28	15	31	31	28	28	54	78	57	34
INFECTION HEPATITIS	NOT REPORTABLE UNTIL 1953-----						9	56	22	52	29	29

\*NOT REPORTABLE UNTIL 1946

\*\*PLACARDED.

\*\*\*ARM BAND REQUIRED.

## BUREAU ACTIVITIES 1957

INSPECTOR HOME VISITS - QUARANTINE & ISOLATION	7225
SOMO DISCHARGES	330
WRONG ADDRESSES	133
COMPLAINTS INVESTIGATED	103
IMMUNIZATION INVESTIGATIONS	11574
RE-INSPECTIONS	378
SUPPLIES DELIVERED INCLUDING SALK VACCINE	217
TOTAL VISITS	19960

THE 11-YEAR NORMAL IS THE MOST ACCURATE METHOD OF DETERMINING PROBABLE INCIDENCE. TRUE AVERAGES ARE WORTH VERY LITTLE AS ONE HEAVY YEAR WOULD GIVE A HIGH AVERAGE EVEN IF THE OTHER TEN YEARS HAD PRACTICALLY NO CASES. THE NORMAL IS THE YEAR DURING THE PAST 11 IN WHICH THERE WERE LESS CASES THAN FIVE OTHER YEARS, AND MORE CASES THAN THE OTHER FIVE YEARS.



## CITY DISPENSARY

MELVINA RYAN, DIR. OF NURSES OSCAR B. STEVENS, CHIEF PHARMACIST  
THE MEDICAL DEPUTY HEALTH OFFICER PROVIDED MEDICAL SUPERVISION

THE DISPENSARY PROVIDED CLINIC TREATMENT FOR MEDICALLY INDIGENT AND THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS--PAID BY RELIEF DEPARTMENT FOR RELIEF CASES AND HEALTH DIVISION FOR MEDICALLY INDIGENT. PATIENT IS GIVEN CHOICE OF PHYSICIAN. CLINIC TREATMENTS IN THIS REPORT DO NOT INCLUDE THOUSANDS OF TUBERCULOSIS, DENTAL AND VENEREAL TREATMENTS REPORTED ELSEWHERE IN THIS REPORT

FREE TREATMENTS NUMBERED 49,433 FOR 39,061 DIFFERENT PATIENTS ABOUT 10% LESS THAN IN 1956.

FREE PRESCRIPTIONS FOR CLINIC AND HOME VISITED PATIENTS NUMBERED 68,836 PHARMACY ALSO DISTRIBUTES ALL FREE IMMUNIZATION AND TESTING VACCINES, SERA, ETC. IMMUNIZATION WORK CONSIDERABLY INCREASED DUE TO SALK VACCINE. HIGH % OFFER FREE TO ALL UNDER 20 YEARS AND ALL PREGNANT WOMEN. THE DISPENSARY ALSO PROVIDES PHYSICAL EXAMINATION OF ALL NEW CITY EMPLOYEES.

A SMALL STAFF OF SOCIAL WORKERS CHECK ON ABILITY TO PAY. SPOT CHECK VISITS ARE MADE ESPECIALLY FOR HOME CALLS. WE, NATURALLY, SEND PHYSICIAN IMMEDIATELY BUT INVESTIGATE AND BILL, IF NOT ELIGIBLE. NO FUTURE CALLS OR CLINIC TREATMENTS ARE GIVEN INELIGIBLES. WORKERS MADE 4,783 HOME CALLS AND ALL PATIENTS WERE INTERVIEWED AT CLINICS. DURING THE YEAR, THERE WERE 1,512 REJECTIONS. ONLY 20% OF OUR PATIENTS ARE ACTUALLY ON RELIEF.

HOME CARE OF SICK POOR

DOCTORS MADE 5,615 HOME CALLS, PAID BY THE HEALTH DIVISION (\$5. FOR DAY CALLS AND \$6 FOR NIGHT CALLS AFTER 11 PM), AN INCREASE OF 1,325 FROM 1956. HOME CALLS FOR SICK POOR BY NURSES ARE ALSO PAID FOR BY US THROUGH THE V.N.A. AT \$3. PER CALL. HEALTH DIVISION PAID FOR 2 866, AND THE RELIEF DEPARTMENT FOR 918.

OUR NEIGHBORHOOD DENTAL CLINICS (FOR CHILDREN ONLY) NOW TOTAL NINE IN VARIOUS PARTS OF THE CITY. THEY SERVE CHILDREN UNABLE TO PAY IN BOTH PUBLIC AND PRIVATE OR PAROCHIAL SCHOOLS. OUR CENTRAL CLINIC TREATS CHILDREN THREE DAYS PER WEEK AND ADULTS TWO DAYS PER WEEK. (SEE DENTAL REPORT NEXT PAGE).

CLINIC TREATMENTS	1957	1956	1955
MEDICAL	10025	8655	9545
CHILDREN	4543	3527	3733
SURGICAL	2898	2866	2513
GYNECOLOGY	753	680	717
SKIN	4896	5487	5633
RECTAL	277	136	141
GASTRO-INTESTINAL	1114	1171	1334
ORTHOPEDIC	1845	1762	1882
MASSAGE & ELEC THERAPY	889	1074	1251
DENTAL (ADULTS)	(SEE NEXT PAGE)		
DENTAL (CHILDREN)	"	"	"
PNEURO-PSYCHIATRIC	342	327	412
ESSEX CO. HOSP. PAROLEES	"	"	6
NEUROS. DISEASES	2083	1909	1977
METABOLIC	1444	1516	175
VARICOSE VEINS	691	795	600
VACCINATIONS	1939	1618	763
IMMUNIZATIONS & TESTS	3896	582	39
INSULIN & OTHER INJEC.	5885	7765	2322
TUMOR (NOW AT HART.MED)	"	"	"
EYE	926	852	831
CHIROPODY	864	838	879
PUB. WELF. EMPLOYMENT CLINIC	1949	1942	2026
CONTAGION RELEASES	1037	1662	2302
EMPLOYEE EXAMINATIONS	510	756	"
TOTAL CLINIC TREATMENTS	49433	54511	42763
INDIVIDUAL PATIENTS NCD	33061	29921	28768
TOTAL FREE PRESCRIPTIONS	68836	74131	52218
X-RAY DENTAL FILM NCD	14208	15014	5482
" CHEST 4"x5" NCD	5782	5262	6135
" " 8"x17" NCD	824	882	1161
MISC X-RAY BODY WORK NCD	3474	3903	284
TOTAL X-RAY NCD	24218	21662	23362
DOCTOR HOME CALLS	5615	4220	5229
VNA NURSE HOME CALLS	2911	4157	4707



## "DENTAL HEALTH IS AN INTEGRAL PART OF TOTAL HEALTH"

ALTHOUGH THE DENTAL CLINICS WERE ALWAYS CONSIDERED A PART OF THE DISPENSARY, THE WORK HAS GRADUALLY CHANGED FROM A PURELY CURATIVE CLINIC, MOSTLY FOR ADULTS, TO A PREVENTIVE TYPE OF HEALTH ACTIVITY TO INSURE BETTER TEETH IN ADULT LIFE. THE WORK HAS BEEN EXPANDED SINCE 1951 SO THAT NOW WE HAVE ONE LARGE CENTRAL CLINIC WITH 5 CHAIRS (3 HOURS DAILY), 3 DAYS FOR CHILDREN AND 2 DAYS FOR ADULTS, AND NINE NEIGHBORHOOD CLINICS FOR CARE OF CHILDREN'S TEETH. THEY ARE LOCATED IN SCHOOLS, HOUSING PROJECTS AND BOYS' CLUBS, BUT SERVE ALL THE CHILDREN IN BOTH PUBLIC AND PAROCHIAL SCHOOLS WHERE PARENTS CAN NOT AFFORD TO PAY.

FOUR NEW DENTAL INSTALLATIONS ARE CONTEMPLATED FOR 1958, CHRISTOPHER COLUMBUS HOUSING PROJECT, ARCHBISHOP MALCOLM PROJECT, ST ROCCO AND SACRED HEART PAROCHIAL SCHOOLS. DURING THE PAST YEAR THE CLINIC AT ST MICHAEL'S WAS CLOSED FOR LACK OF SPACE AND WAS REPLACED BY A WELL EQUIPPED INSTALLATION WITH X RAY FACILITIES AT GOOD COUNSEL PAROCHIAL SCHOOL WHICH BETTER SERVES THE FOREST HILL AND NORTH NEWARK AREAS.

THE PAST YEAR AGAIN DEMONSTRATED THE GREAT NEED FOR EXPANDING THE DENTAL SERVICES TO TAKE CARE OF THE OVER-WHELMING BACKLOG OF DENTAL CASES PARTICULARLY AMONG PRE-SCHOOL AND SCHOOL AGE CHILDREN.

SEVERAL DENTAL HYGIENISTS HAVE AUGMENTED OUR PERSONNEL AND THEY ARE ENGAGED IN THE FOLLOWING BASIC WORK.

- (1) DENTAL HEALTH EDUCATIONAL ACTIVITIES IN THE PAROCHIAL SCHOOLS, HOUSING PROJECTS, BABY-KEEP-WELL STATIONS, ORPHANAGES, DAY CENTERS AND DENTAL CLINICS.
- (2) PROPHYLACTIC CARE AND ORAL HYGIENE SERVICES AT THE CLINICS.
- (3) ADMINISTRATION OF RECORDS AND HOUSE-KEEPING FUNCTIONS OF THE CLINICS. THEY WORK WITH ASSIGNED REGISTERED NURSES AT OTHER DENTAL STATIONS AND SCHOOLS IN A COORDINATING EFFORT TO PROCESS NEW AND INCREMENTAL DENTAL CASES TO COMPLETION ON A SIX MONTHS BASIS.

GENERAL SCREENING, CASE FINDING AND DENTAL HEALTH EDUCATION CONDUCTED IN THE PRE-SCHOOL AND SCHOOL POPULATION BY A TEAM OF DENTIST AND DENTAL HYGIENIST IS BEING PLANNED FOR 1958.

PLANS HAVE BEEN FORMULATED FOR GREATER INTER-INSTITUTIONAL LIAISON IN REFERENCE TO MEDICAL, DENTAL AND ORAL SURGICAL CARE OF CASES BY UTILIZING OUR ASSIGNED DENTAL SPECIALISTS OF ENDODONTICS, ORAL SURGERY AND ORTHODONTICS AT WARTLAND MEDICAL CENTER.

DURING 1957 THE NUMBER OF DENTAL TREATMENTS INCLUDING ALL ORAL OPERATIONS, INCREASED FOR CHILDREN FROM 21,765 IN 1956 TO 36,166. FOR ADULTS THEY INCREASED FROM 2757 IN 1956 TO 3772, OR A TOTAL FOR THE YEAR OF 39,938.

TOTAL INDIVIDUALS TREATED IN 1957 NUMBERED 7364, REPRESENTING 6,021 CHILDREN AND 1,343 ADULTS, AN AVERAGE OF SIX TREATMENTS PER CHILD AND TWO TREATMENTS PER ADULT.

THE PREVENTIVE ORTHODONTIC SERVICE RENDERED 568 TREATMENTS TO 146 CHILDREN

THE ENDODONTIC SERVICE GAVE 304 TREATMENTS TO 127 DIFFERENT CHILDREN.

OUR XRAY SERVICE PROCESSED 14,207 DENTAL FILMS.

THE DENTAL SERVICES TO ADULTS HAS BEEN LIMITED TO EMERGENCY CARE IN ORDER TO GIVE GREATER SERVICES TO MORE CHILDREN WHERE THE BACKLOG IS GROWING. INITIAL DENTAL COMPLETION AND INCREMENTAL MAINTENANCE CARE SEMI-ANNUALLY, DENTAL HEALTH EDUCATION AND EVALUATION ARE THE BASIC CONCEPTS OF THE DENTAL PUBLIC HEALTH PROGRAM.

THE BUREAU OF DENTAL PUBLIC HEALTH GRATEFULLY ACKNOWLEDGES THE SUPPORT AND ASSISTANCE OF THE COUNTY DENTAL SOCIETY, PRIVATE DENTISTS, CHILDREN'S AID SOCIETY, STATE CHILD WELFARE BOARD, BOARD OF EDUCATION AND OTHER VOLUNTARY AND OFFICIAL AGENCIES ENGAGED IN THE FIELD OF HEALTH AND WELFARE, WHOSE COOPERATION IS SO IMPORTANT TO THE FUTURE GROWTH AND DEVELOPMENT OF A GOOD DENTAL HEALTH PROGRAM.



THERE WERE 72 DEATHS FROM TUBERCULOSIS OR A MORTALITY RATE OF 16.1 PER CM, PRACTICALLY THE SAME AS IN 1956 WITH 72 DEATHS AND A RATE OF 16.9. THIS IS GRATIFYING IN VIEW OF THE INCREASING POPULATION IN OUR STILL-EXISTING BLUM SECTIONS. THE DECLINE IN MORTALITY WAS STEADY FOLLOWING 1916, BUT WITH THE ADVENT OF ANTI-MICROBIAL THERAPY, A MORE RAPID DROP TOOK PLACE. THIS REDUCED DEATHS TO 68 IN 1954 BUT THE PAST TWO YEARS HAVE SHOWN A SLIGHT INCREASE. CHEMOTHERAPY WAS NOT CONTROLLING ALL PATIENTS AND IN SOME WITH DRUG RESISTANT BACILLI, THE NEW DRUGS ARE OF LITTLE VALUE. THE ANNUAL DEATH RATE APPEARS REMARKABLE WHEN COMPARED WITH THE RATE 40 YEARS AGO WHEN THE RATE WAS 195 PER C.M.

MORBIDITY AGAIN DECREASED TO 399 OR 89.3 PER C.M., COMPARED WITH 401 AND 90.5 IN 1956. THE RATE OF NEW CASES HAS SHOWN A STEADY DROP FOR THE PAST FOUR YEARS AND MAY LEAD TO THE IMPRESSION THAT TUBERCULOSIS IS NO LONGER A MAJOR PROBLEM. IT IS STILL THE LEADER AMONG COMMUNICABLE DISEASES, CAUSING MORE DEATHS THAN ALL OTHER INFECTIOUS DISEASES COMBINED AND STANDS OUT AS THE MAJOR PREVENTABLE DISEASE.

NO KNOWN DRUG CAN DESTROY THE TUBERCLE BACILLUS WITHOUT DAMAGE TO THE PATIENT. IN DEALING WITH A CHRONIC DISEASE, DIFFICULT TO CONTROL AND HIGHLY INFECTIOUS, INTENSIVE CONTROL MEASURES ARE MANDATORY. ALTERATIONS IN THE CONTROL PROGRAM HAVE BEEN NECESSITATED SINCE THE ADVENT OF ANTI-TUBERCULOSIS CHEMOTHERAPY, AS A RESULT OF WIDE PUBLICITY GIVEN TO THE HAZARDS OF RADIATION EXPOSURE. PROCEDURES ARE FUNDAMENTALLY THE SAME BUT HAVE CHANGED TO MEET NEW CONDITIONS. ESSENTIAL FACTORS IN CONTROL CONSIST OF;

1. LOCATION OF OPEN ACTIVE CASES.
2. CLOSE SUPERVISION OF ALL CONTACTS.
3. TREATMENT & ISOLATION OF INFECTIOUS CASES.
4. X RAY SURVEYS
5. TUBERCULIN TESTING PROGRAMS.
6. COMMITMENT OF UN-COOPERATIVE PATIENTS.

#### THE CHANGING PROGRAM REQUIRES;

1. CLOSER SUPERVISION AND AT TIMES THERAPY TO PREVENT BREAKDOWN OF KNOWN INFECTIOUS CASES.
2. PATIENTS DEVELOPING RESISTANCE TO ONE OR MORE DRUGS MUST HAVE THERAPY CHANGED, IN ADDITION TO INCREASING GENERAL RESISTANCE.
3. OPEN INFECTIOUS CASES SHOULD BE HOSPITALIZED UNTIL LESIONS ARE STABLE AND SPUTA NEGATIVE. SINCE MOST CASES ARE NOW UNDER CARE OF GENERAL PRACTITIONERS, THE PROBLEM OF THE INFECTIOUS CASE WHO REFUSES TO GO TO A HOSPITAL, HAS ASSUMED MAJOR PROPORTIONS. PREVENTION OF FURTHER SPREAD AND ARRESTING THE DISEASE IS ESSENTIAL IN A CONTROL PROGRAM. IN OUR CLINIC, DRUGS ARE SUPPLIED FOR THOSE UNABLE TO PAY.
4. TUBERCULOSIS IS NOW A DISEASE OF OLDER PERSONS, PARTICULARLY MALES, AND INTENSIFIED EXAMINATIONS ARE BEING CONDUCTED OF INDIVIDUALS OVER 40.

5. X RAY PROGRAMS AND TUBERCULIN TESTING PROCEDURES HAVE BEEN ALTERED. ROUTINE X-RAYS ARE TAKEN, NOT ONLY OF ACTIVE CASES, BUT OF ALL KNOWN CONTACTS. THE X-RAY FORMS ONE OF OUR MOST IMPORTANT DIAGNOSTIC TESTS, AND IS ONE THE LEAST DANGEROUS SOURCES OF MEDICAL RADIATION. SINCE THE DANGER LIES IN ACCUMULATED RADIATION, THE NUMBER OF PLATES MUST BE CONSIDERED. WHERE X-RAY SURVEYS ARE PLANNED, THEY MUST BE CONDUCTED ON A SELECTIVE, RATHER THAN A COMMUNITY-WIDE BASIS. MOBILE UNITS ARE RESTRICTED TO BLUM SECTIONS, LOW INCOME GROUPS AND WHERE PAST EXPERIENCE REVEALS HIGH INCIDENCE AREAS. REPEATED STRESS HAS BEEN PLACED ON HOSPITALS TO X RAY ALL ADMISSIONS.

6. TUBERCULIN TESTING, A MORE ECONOMICAL METHOD OF CASE FINDING, IS USED AS AN INITIAL TEST. ONLY POSITIVE REACTORS ARE X RAYED. THIS TEST IS THE MOST EFFECTIVE TOOL IN DISCOVERING THOSE INFECTED AND WILL GIVE INFORMATION LONG BEFORE RADIOGRAPHS REVEAL LESIONS OR SYMPTOMS APPEAR. A GREATER IMPORTANCE HAS BEEN PLACED ON THIS TEST SINCE THE PUBLICITY OF THE HAZARD OF RADIATION. TUBERCULIN TESTING MUST BE PERIODICALLY REPEATED IN HIGH INCIDENCE AREAS AS A NEGATIVE TEST DOES NOT GUARANTEE INFECTION WILL NOT TAKE PLACE IN THE FUTURE.

THIS METHOD SHOULD ALSO BE USED IN OLD AGE GROUPS AS SENSITIVITY CONTINUES FOR LIFE. OVER 70% OF OUR PRESENT OLD AGE POPULATION HAVE BEEN INFECTED WITH TUBERCULOSIS AND WILL REACT TO THE TEST. MOST OF THESE POSITIVE REACTORS HAVE BEEN INFECTED DURING CHILDHOOD AND REVEAL NO EVIDENCE OF ACTIVE DISEASE. CLINICAL DISEASE, HOWEVER CAN OCCUR, AND AN INACTIVE OR DORMANT LESION CAN REACTIVATE.

7. UNCOOPERATIVE AND RECALTRANT PATIENTS ARE COMMITTED TO THE SANATORIUM. EXPERIENCE HAS DEMONSTRATED THAT THESE INDIVIDUALS WILL NOT CONTINUE UNDER CHEMOTHERAPY AND WILL NOT FOLLOW METHODS OF PROTECTION OF THE GENERAL PUBLIC.

THE UNKNOWN CASE STILL FORMS OUR GREATEST PROBLEM IN CONTROL AND IS RESPONSIBLE FOR A SUBSTANTIAL AMOUNT OF INFECTION. THIS SOURCE IS MORE DANGEROUS THAN OUR KNOWN CASES. THE UNDIAGNOSED AND UNTREATED CASES ARE STILL A PROBLEM AND IN SPITE OF OUR CASE-FINDING EFFORTS MAY NEVER BE LOCATED. MANY ARE NOT RECOGNIZED OR DIAGNOSED UNTIL JUST BEFORE OR EVEN AFTER DEATH. THIS HAZARD HAS BEEN INCREASING SINCE USE OF CHEMOTHERAPY. OVER THE YEARS, FROM 25% TO 39% OF ALL DEATHS RESULT IN UNKNOWN CASES.





# TUBERCULOSIS CHEST BUREAU CONT.

CLINIC EXAMINATIONS DURING 1957, CLINIC  
EXAMINATIONS INCREASED FROM 13,866 TO 15,327. NOT ONLY ACTIVE CASES ARE EXAMINED, BUT ALSO SUSPICIOUS, INACTIVE CASES AND KNOWN CONTACTS. IN ADDITION TO TUBERCULOSIS, OTHER FORMS OF PULMONARY DISEASE ARE EXAMINED AND XRAYED. X-RAYS NATURALLY ALSO INCREASED FROM 13,288 TO 15,176. FLUOROSCOPIC EXAMINATIONS JUMPED FROM 1,921 TO 5,265. TUBERCULIN TESTING WAS PERFORMED ON 2664 CHILDREN UP TO 15 YEARS OF AGE AS COMPARED WITH 1574 LAST YEAR. PATCH TESTING WAS ALSO CARRIED OUT IN PAROCHIAL AND PUBLIC SCHOOL SYSTEMS. WE EXAMINED 401 CHILDREN FOR SUMMER CAMPS.

CARDIAC DISEASE CONTROL DURING THE PAST YEAR  
4605 EXAMINATIONS WERE MADE IN OUR CARDIAC CLINIC. ELECTROCARDIOGRAMS INCREASED FROM 977 TO 1074. THOUSANDS OF MERCURYDRIN INJECTIONS WERE GIVEN. CLASSIFICATION OF CASES UNDER TREATMENT IS AS FOLLOWS:

HYPERTENSIVE	695	SYPHILITIC	--	24
ARTERIOSCLEROTIC	286	CONGENITAL		14
RHEUMATIC	--	80	HYPERTHYROID	- 4
CORONARY		54	ACHROMEGALY	1
PULMONARY	--	53	LUPUS ERYTHEMATOSIS	1
UNKNOWN		29	PERICARDITIS	1

NO HEART DISEASE---242

HAY FEVER & ASTHMA THIS CLINIC SPECIALIZES IN ALLERGIC AND UPPER RESPIRATORY INFECTIONS. THERE HAS BEEN AN INCREASE IN 1957 WITH 2722 EXAMINATIONS; 2366 IN 1956.

NURSE ACTIVITIES THE WORK OF THE NURSE IS VITAL IN A TUBERCULOSIS CONTROL PROGRAM. SUPERVISION OF ACTIVE AND SUSPICIOUS CASES AND CONTACTS REQUIRES CAREFUL STUDY, ESPECIALLY OPEN ACTIVE CASES. HOME CONDITIONS, AND UNDERSTANDING OF THE INFECTIOUSNESS OF THE DISEASE BY THE PATIENT AND FAMILY IS IMPORTANT. THE NURSES MADE 35,965 VISITS COMPARED WITH 33,998 IN 1956. ANTIBIOTIC INJECTIONS ARE GIVEN TO THOSE UNABLE TO COME TO A CLINIC OR PAY A PHYSICIAN. THEY GAVE 1140 SUCH INJECTIONS. SUCH INJECTIONS IN THE CLINIC NUMBERED 4041 COMPARED WITH 3657 LAST YEAR. THE NURSES CONTINUED TO ASSIST IN OUR MASS XRAY SURVEYS.

## DIVISIONAL WORK TOTALS

CASES & CONTACTS UNDER SUPERVISION 8,823

VISITS; PATIENTS 11,390; CONTACTS 25318--35,965

CLINIC EXAMS TB- ADULTS & CHILDREN 15,327

" " CARDIAC -- 4,605

" " HAY FEVER & ASTHMA 2,722

X-RAYS (4X5-8306) (14X17-6866) -- 15,172

## WORK TOTALS CONTINUED

FLUOROSCOPIC EXAMINATIONS	--	5,265
STREPTOMYCIN INJECTIONS (CLINIC)		1,011
MERCURYDRIN INJECTIONS	-	3,245
PATCH TESTS	-	2,664
STREPTOMYCIN INJECTIONS (HOME)		1,100
ELECTROGRAMS	--	1,072
CAMP CHILDREN EXAMINATIONS		10
B 12 INJECTIONS	--	25

SUNATORIA & HOSP EXAMS	
VERONA-COUNTY SAN. CLINIC	220
GLEN GARDNER - STATE SAN CLIN.	46
ESSEX COUNTY ISOLATION HOSP	20

TUBERCULOSIS MORB & MORT PER CA (ALL FORMS)					
YEAR	POP.	DEATHS	REPID	MORT	MORB
	1000S	NO.	CASES		
1915	375	808	2146	215.5	572.2
1920	417	540	1790	130.4	428.1
1925	453	378	872	83.4	192.5
1930	440	445	1000	101.4	227.3
1935	455	316	654	69.5	143.7
1940	429	309	586	71.9	136.6
1945	443	247	495	55.8	111.7
1950	443	209	526	47.2	117.2
1955	443	60	190	15.3	110.6
1956	443	72	401	16.3	90.5
1957	447	72	399	16.1	89.3

## DEATHS (REPORTED AS CASES BEFORE DEATH)

WITHIN 1 YEAR	16	OR 22%
1 TO 2 YRS BEFORE	5	7%
2 TO 3 YRS "	3	1%
3 TO 4 YRS "	2	3%
MORE THAN 4 YRS "	25	35%
TOTAL REPID BEFORE DEATH 51 OR 71%		

TOTAL NOT REPORTED BEFORE DEATH 21 OR 29%

## DEATHS BY AGE GROUPS 1951 TO 1957 (TOTAL)

UNDER 1 YEAR	25	45 TO 54 YEARS	152
1 TO 19 "	53	55 TO 64 "	169
20 TO 24 "	29	65 TO 74 "	98
25 TO 44 "	389	75 AND OVER "	26

## MORBIDITY AND MORTALITY BY WARDS

WARD	EST POP	CASES	MORB RATE	DEATHS	MORT RATE
CENT.	91,500	131	143	27	29.5
EAST	94,000	115	126	17	18.7
SOUTH	91,500	49	54	4	4.4
NORTH	88,000	48	55	10	11.4
WEST	85,000	37	44	10	11.6
NONR		19		4	
	447,000	399	89.3	72	16.1

FOR NEGRO TUBERCULOSIS AND OTHER HEALTH RATES SEE PAGE 8



CHILD HYGIENE BUREAU

THE INFANT MORTALITY RATES FOR 1957 ARE VERY SIMILAR TO THOSE FOR 1956, BEING 30.1 IN 1957 AND 30.7 LAST YEAR. DEATHS IN THE FIRST WEEK REPRESENT PRACTICALLY TWO-THIRDS OF THE DEATHS IN THE ENTIRE FIRST YEAR.

DURING THE PAST YEAR THE BABIES' HOSPITAL ESTABLISHED A SPECIAL CLINIC FOR PREMATURE INFANTS. OUR BUREAU HAS ACTIVELY COOPERATED BY PLACING A NURSE IN THE CLINIC ONE AFTERNOON EACH WEEK, IN ORDER TO REPORT BACK TO THE NURSE IN WHOSE DISTRICT, THE BABY LIVES, ANY SPECIAL INSTRUCTIONS GIVEN BY THE DOCTOR. OUR NURSES REFER ALL PREMATURES NOT UNDER ADEQUATE MEDICAL CARE TO THIS CLINIC. OUR NURSES ALSO FOLLOW UP INFANTS AND CHILDREN DISCHARGED FROM A "POISON CONTROL CLINIC" RECENTLY STARTED AT THE BABIES' HOSPITAL.

OUR NURSES ROUTINELY VISIT ALL NEW BABIES BRINGING THEIR BIRTH RECORDS, AND THEN VISIT THEM ONCE MONTHLY DURING THE 1ST YEAR, AND EVERY THREE MONTHS DURING THE SECOND YEAR. THEY URGE USE OF PRIVATE PEDIATRIC CARE, OR TO BRING BABIES TO OUR KEEP-WELL STATIONS HELD WEEKLY IN EACH NEIGHBORHOOD. AT THESE STATIONS THE NURSE AND PEDIATRICIAN CHECK THE BABIES AND GIVE INDIVIDUAL AND GROUP INSTRUCTIONS TO THE MOTHERS; ALSO IMMUNIZATIONS.

AT THE HOME VISITS, NURSES INSTRUCT THE MOTHERS AS TO FEEDING, OTHER PHYSICAL CARE, URGE IMMUNIZATION AND INSTRUCT IN BEHAVIOR PROBLEM CARE AND TRAINING, TO PREVENT BAD EMOTIONAL REACTIONS, SO FREQUENTLY CAUSED BY UNTRAINED METHODS OF CORRECTION AND PUNISHMENT.

THE SPECIAL TRAINING IN SPANISH, TAKEN BY OUR NURSES HAS HELPED GREATLY IN DEALING WITH PORTO RICAN MOTHERS OF WHOM THERE ARE ABOUT 3000 IN NEWARK.

DR. JULIUS LEVY, DIRECTOR  
EDITH DIAMATO, R.N., B.S. SUPV NURSE.

WE HAVE A SOCIAL SERVICE REPRESENTATIVE WHO AIDS IN HANDLING THE MANY SOCIAL PROBLEMS, AND COOPERATES IN OUR WORK WITH DAY NURSERIES, ORPHANAGES, ETC. WE INVESTIGATE AND APPROVE ALL BOARDING HOMES FOR INFANTS AND THEY ARE VISITED REGULARLY, AFTER APPROVAL, BY THE FIELD NURSES.

BOARDING HOME REPORT

TOTAL NUMBER OF HOMES LICENSED DURING YEAR.	93	
FOSTER CARE	COMBINED CARE	DAY CARE
23	15	57

LICENSED HOMES CLOSED DURING THE YEAR	6
APPLICATIONS REJECTED	" " "
	12

THERE ARE ALSO 20 DAY NURSERIES (PHILANTHROPIC) NURSERY SCHOOLS, AND DAY CARE CENTERS UNDER OUR SUPERVISION.

NURSES' ACTIVITIES

SUPERVISED BABIES BORN DURING YEAR	7,551
TOTAL SUPERVISED UNDER 2 YEARS OF AGE	17,977

NURSES' VISITS TO HOMES	79,792
MOTHERS' VISITS TO STATIONS	" 13,704

NO. OF BABIES ATTENDING STATIONS	4,076
MOTHER VISITS TO PREMATURE CENTER	
AT BABIES' HOSPITAL -- "	246*

INJECTIONS FOR DIPHT., COUGH, TETANUS	11,222
" WITH SALK VACCINE	8,420
" AS BOOSTERS FOR DIPHT W C & TET.	368
SMALLPOX VACCINATIONS	5,454
PATCH TESTS (TB)	242

\* PREMATURE CENTER STARTED 5/15/57



# PAROCHIAL SCHOOL MEDICAL & NURSING

THE HEALTH DIVISION PROVIDES MEDICAL INSPECTION, HEALTH EDUCATION AND HEALTH SERVICES FOR APPROXIMATELY 16,000 ELEMENTARY AND SECONDARY SCHOOL CHILDREN WHO ATTEND THE 31 LOCAL PAROCHIAL SCHOOLS. A STAFF OF PHYSICIANS AND NURSES IS ASSIGNED TO WORK IN AN ADVISORY AND DIRECTIVE CAPACITY TO HELP PARENTS AND CHILDREN SOLVE THEIR HEALTH PROBLEMS.

THE BUREAU IS NOW BEING SUPERVISED BY THE PHYSICIAN IN CHARGE OF THE CHILD HYGIENE BUREAU.

THE NURSES ARE RESPONSIBLE FOR FOLLOW-UP WORK ON DEFECTS FOUND. PARENTS ARE THEN ADVISED BY THE NURSES ABOUT THEIR CHILDREN'S HEALTH PROBLEMS. THEY MADE 5980 HOME CALLS OR TELEPHONE CALLS TO PARENTS, CONFERRED WITH 2367 PARENTS AT SCHOOL AND WROTE HUNDREDS OF NOTES TO PARENTS ABOUT VARIOUS DEFECTS. AS A RESULT OF THESE EFFORTS, 5147 CHILDREN RECEIVED REMEDIAL CARE, EITHER BY THEIR PRIVATE PHYSICIANS OR AT A CLINIC. FAMILIES WHO ARE MEDICALLY INDIGENT ATTEND THE CITY DISPENSARY CLINICS. THOSE ABLE TO PAY A SMALL FEE ARE REFERRED TO VARIOUS HOSPITAL CLINICS.

A CUMULATIVE HEALTH RECORD IS KEPT ALL THROUGH SCHOOL LIFE FOR EVERY CHILD, NOTING EVERY DEFECT FOUND, TREATMENTS RECEIVED, IMMUNIZATIONS, DISEASE INCIDENCE, WEIGHT AND DEVELOPMENT, ETC.

ALL CHILDREN MUST BE VACCINATED AGAINST SMALLPOX AND IMMUNIZED AGAINST DIPHTHERIA. REIMMUNIZATION AGAINST DIPHTHERIA (BOOSTER DOSES) ARE RECOMMENDED EVERY FOUR YEARS UNTIL THE CHILD REACHES ITS TENTH BIRTHDAY. POLIO SALK VACCINE INJECTIONS WERE GIVEN TO 10,605 CHILDREN THIS YEAR.

IN THE SECONDARY AND ELEMENTARY GRADES, 4836 CHILDREN WERE TUBERCULIN PATCH-TESTED.

POSITIVE REACTORS WERE REFERRED TO THE CHEST DIVISION FOR X RAY AND FOLLOW-UP.

A HOME NURSING INSTRUCTION PROGRAM IS CONDUCTED FOR SENIOR HIGH SCHOOL GIRLS. CLASSES OF GIRLS HAVE BEEN INSTRUCTED IN HOME CARE OF THE SICK. THE STUDENTS RECEIVE HEALTH CREDITS IN THIS COURSE WHICH ARE APPLIED TO THEIR SCHOLASTIC RECORDS.

LECTURES IN HEALTH EDUCATION ARE ALSO GIVEN BY THE NURSES ON REQUEST OF THE SCHOOL PRINCIPAL TO SECONDARY SCHOOL STUDENTS. SHORT CLASSROOM TALKS ARE GIVEN BY THE NURSES IN THE ELEMENTARY GRADES. OCCASIONALLY OUR NURSES SPEAK ON VARIOUS ASPECTS OF HEALTH TO PARENT-TEACHER GROUPS.

MARY J. HOBAN, R.N., B.S., M.,  
NURSING SUPERVISOR

DEFECTS FOUND THE GREATEST NUMBER OF DEFECTS FOUND ARE N.T.U.ALLY DENTAL CONDITIONS, ALTHOUGH OUR VISION TESTING PROGRAM HAS ALSO SHOWN MANY IN NEED OF TREATMENT AND GLASSES. FOLLOWING TABLE GIVES TYPES OF DEFECTS FOUND AND THE NUMBER CORRECTED OR CURED. WHERE THE CURES OUTNUMBER THE DEFECTS, IT IS THE CURES OF CONDITIONS FOUND IN THE PREVIOUS YEAR.

		DEFECTS FOUND	CORRECTED OR CURED
DENTAL	--	4,713	5,443
VISION		1,675	1,260
SKIN	--	720	791
NOSE AND THROAT		632	480
CARDIAC	--	122	68
PEODICULOSIS		401	323
NUTRITION		461	225
PERSONAL HYGIENE	--	396	486
EARS - HEARING		323	111
OTHER CONDITIONS SUCH AS DEFECTIVE SPEECH, ORTHOPEDIC DEFECTS, EMOTIONAL UPSET POOR POSTURE, ETC	--	4,721	4,041

## SUMMARY OF ACTIVITIES

EXAMINATIONS BY NURSES, WEIGHT, VISION HEARING, TEETH, HEARING ETC	18,994
EXAMINATIONS BY PHYSICIANS IN CLINICS OR AT SCHOOL	-- 7,543
TREATMENTS BY PRIVATE OR CLINIC PHYSICIANS-OUR RECOMMENDATION	5,147
DENTAL EXAMS & TREATMENTS	6,620
CLASS INSPECTIONS & TALKS BY NURSES-NUMBER OF CHILDREN	46,230
NURSE CONFERENCES BY NURSES WITH PRINCIPAL, TEACHER OR PARENT	42,965
HOME VISITS & PHONE CALLS	5,280
SCHOOL EXCLUSIONS, DEFECTS DIS, ETC	4,331
OTHER INDIVIDUAL SERVICES SUCH AS VACCINATION, PATCH TEST, 1ST AID	61,631
HOME NURSING CLASSES IN SECONDARY SCHOOLS (ABOUT 20 GIRLS IN EACH SENIOR CLASS)	-- 229
HEALTH LECTURES GIVEN BY NURSES TO VARIOUS GROUPS	96



## VENEREAL DISEASE CONTROL

IN 1957 THE BENEFITS OF THE REPEATED CASE FINDING SURVEYS, EDUCATIONAL PROGRAMS AND MORE EFFICIENT THERAPY DEMONSTRATED THEIR CONTINUING BENEFITS, BOTH TO THE HEALTH OF THE CITY AND OF THE DISEASED INDIVIDUALS INVOLVED. THE TOTAL NUMBER OF NEW CASES OF SYPHILIS REPORTED FROM NEWARK SHOWED A VERY MARKED INCREASE FROM 898 IN 1956 TO 1,378 IN 1957. MOST OF THESE REPORTED CASES, HOWEVER, WERE NOT IN THE INFECTIOUS STAGE, AND MANY WERE DISCOVERED DURING THE COURSE OF OUR SURVEYS DURING WHICH, BLOOD SPECIMEN TAKING STATIONS WERE ESTABLISHED IN PROTECTED AREAS ON STREET CORNERS, VACANT STORES AND IN HOUSING PROJECTS.

MANY OF THESE INDIVIDUALS HAD RECEIVED TREATMENT IN OTHER CITIES BUT HAD NOT HAD ADEQUATE FOLLOW-UP OBSERVATIONS. THE DISEASE HAD CONTINUED TO SPREAD IN MANY OF THEM, EVEN THOUGH NOT IN AN INFECTIOUS STAGE. MANY OF THESE NEWLY DISCOVERED CASES WENT TO PRIVATE PHYSICIANS, AN INDICATION OF BETTER ECONOMIC CONDITIONS. ALL SUCH CASES ARE CHECKED BY US TO INSURE THEIR CONTINUED NECESSARY TREATMENT. IN SPITE OF THIS OUR CLINIC WAS CALLED UPON TO TREAT MORE THAN 400 PATIENTS WITH 4539 CLINIC TREATMENTS. OF THESE, 1421 WERE DISMISSED AS REQUIRING NO FURTHER CARE. THIS IS THE LARGEST NUMBER OF CURED OR ARRESTED SYPHILITICS SINCE THE YEAR 1953.

IN SPITE OF THE SIMPLICITY OF MODERN TREATMENT FOR UNCOMPLICATED SYPHILIS, THERE REMAINS FOR TREATMENT, THE TREMENDOUS BACKLOG OF PATIENTS WHO IN THE PAST WERE NOT DETECTED OR WHO RECEIVED INCOMPLETE THERAPY. THEIR INFECTION MAY HAVE PENETRATED TO AREAS MORE DIFFICULT TO REACH THAN WOULD BE THE CASE IN THE EARLIER INFECTIONS.

THE NUMBER OF PATIENTS CONTRACTING GONORRHEA, SHOWED A MODERATE INCREASE. MANY OTHER INDUSTRIAL CITIES SHOWED THE SAME TREND. THIS

EDMOND EDELSON, M.D., PHYS. IN CHARGE

TENDENCY OCCURRED IN SPITE OF THE RELATIVE SIMPLICITY OF THERAPY AND INDICATES NEED OF CONTINUED EFFORT TO FIND FOCI OF INFECTED CASES WHO ARE A THREAT TO THE COMMUNITY.

ADDITIONAL SURVEYS ARE PLANNED AS WELL AS EXPANDED COOPERATION WITH STATE DEPT OF HEALTH TO SECURE PROMPT TREATMENT AND CURE, THUS REDUCING NUMBER OF INFECTIOUS CASES OF BOTH GONORRHEA AND SYPHILIS.

SKIN CLINIC THIS BUREAU CONDUCTS THE SKIN CLINIC WHICH CONTINUED AT A BRISK PACE WITH EVER CONTINUING EFFORTS TO PROVIDE INDIGENT PATIENTS WITH THE LATEST TYPE TREATMENT. WE COOPERATE WITH SCHOOL AUTHORITIES AND THE ORPHANAGES IN PREVENTION OF FUNGUS AND BACTERIAL INFECTIONS IN THEIR INSTITUTIONS.

### ACTIVITIES REPORT

	1954	1955	1956	1957
<u>SYPHILIS</u>				
TOTAL NEW PATIENTS	602	381	522	905
TOTAL PATIENTS TREATED	4006	4270	3463	3892
TREATMENTS GIVEN	8236	4561	5404	4539
NEW NEWARK REPORTED	818	585	898	1378
CASES DISMISSED OR				
CURED	--	1119	1155	1379
" PUT ON REST		379	585	613

### GONORRHEA

NEW PATIENTS--MALE	912	953	911	956
" " FEMALE	286	373	227	337
" " TOTAL	1198	1326	1138	1293
PATIENTS TREATED MALE	1127	1048	956	1459
" " FEM.	1161	1569	1365	1392
" " TOTAL	2288	2617	2301	2850
" TOT. VISITS	6368	7023	6741	6699
SOURCES OF INFECTION NAMED	1193	1221	846	1164
" FOUND & EXAM'D	543	709	529	721
" " & INFECTIONS	226	204	168	248

SKIN CLINIC NEW CASES 1958--TREATMENTS 4896

## OCCUPATIONAL CLINIC DR. WILLIAM T. RUMAGE, PHYSICIAN IN CHARGE

THIS CLINIC FOR YEARS SUPERVISED EXAMINATIONS REQUIRED BY ORDINANCE OF ALL FOOD HANDLERS AND DOMESTICS. DURING RECENT YEARS, HOWEVER, IT WAS FOUND THAT AMONG FOOD HANDLERS, WE FOUND FEW UNSUSPECTED SYPHILIS CASES, AND THOSE MOSTLY UNINFECTIOUS, AND VERY FEW UNSUSPECTED TUBERCULOSIS CASES. THE ORDINANCE WAS THEREFORE AMENDED REQUIRING EXAMINATIONS OF DOMESTICS, BUT FOOD HANDLERS DO NOT. FOOD HANDLERS, HOWEVER, MUST NOW TAKE A MANDATORY COURSE OF FOUR LECTURES CONCERNING US. THIS INCLUDES MANAGEMENT AS WELL AS COOKS, WAITERS, ETC. THE PHYSICAL EXAMINATION OF THE DOMESTICS INCLUDES CHEST X RAY FOR POSSIBLE TUBERCULOSIS, BLOOD TEST FOR SYPHILIS, AND ORAL TEST FOR VINCENTS ANGINA. TEMPORARY CARDS IN SUSPICIOUS CASES UNTIL PROOF OF CURE IS RECEIVED, OR PATIENT IS DEFINITELY NON-INFECTIOUS.

DURING THE YEAR 1971 DOMESTICS WERE EXAMINED AND SECURED HEALTH CARDS. INCLUDING 435 WHO WERE EXAMINED BY THEIR OWN PHYSICIANS. TEMPORARY CARDS WERE ISSUED, INCLUDING TUBERCULOSIS (417) AND VINCENTS ANGINA (14). THERE WERE 222 REJECTED FOR VENEREAL DISEASE. ALL OF THESE WERE EITHER CURED QUICKLY IN THE CASE OF VINCENTS ANGINA OR NON-INFECTIOUS IN THE CASE OF TUBERCULOSIS OR SYPHILIS. DURING THE YEAR 38 TAXI-DRIVERS AND 103 FOSTER PARENTS WERE ALSO EXAMINED, AS SUCH EXAMINATION IS REQUIRED BY STATE LAW. MOST SUCH INDIVIDUALS SECURE THEIR EXAMINATION AND PHYSICAL APPROVAL BY PRIVATE PHYSICIANS.





HEALTH LABORATORIES

CARL CORDASCO, B.S., REG. PH.G. CHIEF SUPERVISOR  
 CHIEF SEROLOGIST -- MEYER LEVY, C. SC.  
 CHIEF CHEMIST SARA ROTHBERG, B.A.  
 CHIEF BACTERIOLOGIST FRED COLTRELL

THESE LABORATORIES MAKE FOOD, MILK  
 AND WATER EXAMINATIONS FOR THE HEALTH  
 DIVISION, AND DIAGNOSTIC TESTS FOR  
 LOCAL HOSPITALS, PHYSICIANS AND HEALTH  
 DIVISION CLINICS.

<u>BACTERIOLOGICAL</u>		<u>TOTAL</u>	<u>POSITIVE</u>	<u>SEROLOGICAL &amp; HEMATOLOGY</u>		<u>TOTAL</u>	<u>POSITIVE</u>
DIPHTHERIA CULT.	--	79	0	PREMAR. TESTS (MAZZINI)		4,893	277
T.B. SPUTA		7466	413	PRENATAL "	"	1,912	72
TYPHOID (RIDALS)	--	8	2	DOMESTICS "	"	2,035	173
" (STOOL TESTS)		35	7	PRIV DOCTOR "	"	3,523	1236
DARKFIELDS	--	34	7	DISPENSARY "	"	3,747	352
PARA TYPH A & B		12	0	VEN. DIS CLIN "	"	6,260	4006
DOG BRAIN EXAM (RABIES)	--	33	0	QUANT. TESTS "	"	7,773	4280
VIN ANGINA SMEARS		302	85	HOSPITAL "	"	11,520	1420
TRICH. VAG.	--	1355	457				
GONORRHOEA SMEARS		8262	1737	TOTAL MAZZINI		41,663	12,522
" CULTURES	--	3194	225				
EXAM FOR UND. FEVER		3	0	CONFIRMATION WASSERMANN		18,877	--
OPHTHALMIC CON.	--	68	2	R.H. FACTOR DETER.		2,965	
WATER EXAMINATIONS		354		SPINAL FLUIDS (WASS)		927	
MILK & CREAM "	--	3397		HETER. ANTIB. DETER.		234	
SHELL FISH "		67		MISC. (URINES, SED RATE,			
ICE CREAM "	--	160		C.B.C., GOLD CURVE			
MISC FOODS & OTHER EXAMS--				CELL CT, BLD SUGARS,			
SWABS FROM UTENSILS,				CLOT & BL. TIME, ETC	--	6,690	
RINSE WATER, POLLEN CTS							
T B CULTURES, ETC	--	1464					
				TOTAL		71,356	
TOTAL		26,208					
				NOTE: SPECIAL EXAMINATIONS INCLUDED HORSEMEAT,			
				ADDED SULPHATES, EXCESSIVE FAT CONTENT			
				IN MEATS; ARTIFICIAL COLORING AND FLA-			
				VORING, FAT PERCENTAGES, OILS, ETC. AS			
				WELL AS ROUTINE TESTS OF SWIMMING POOL			
				WATER FOR FREE CHLORINE, ETC.			
				GRAND TOTAL TESTS OF ALL LABS.			
				104,327			
<u>CHEMICAL LAB</u>		<u>TOTAL</u>					
MILK SAMPLES	--	2452					
CREAM SAMPLES		522					
ICE CREAM "	--	126					
WATER "		373					
MEAT "	--	229					
PHOSPHOTABE TESTS							
FOR MILK PAST.	--	2274					
TOTAL		6,763					





